

DIVISION OF PUBLIC HEALTH STATISTICS

INDIANA VITAL STATISTICS

1986

INDIANA STATE BOARD OF HEALTH



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Introduction

The Public Health Statistics Division of the Indiana State Board of Health has the responsibility for the statewide system of registration, collection and analysis of data, and certification of the records of birth, death and fetal death. Terminated pregnancy reports and records of marriage are collected for data analysis only. The Division is composed of two sections, Public Health Statistics and Vital Records, each with its own specialized registry.

PUBLIC HEALTH STATISTICS SECTION

Public Health Statistics Section is responsible for coding all records that are received by the Records Section. With the information from these certificates, special reports are compiled and published. Statistics from the certificates are used internally and are useful to both the public and private sector of the community. Data requests from the community at large are also handled.

The Statistics Section is also designated by the Governor to participate in the Federal-State Cooperative Program for Population Estimates. The Governor has jointly designated the Statistic Section as well as the Indiana Business Research Center to participate in the Federal-State Cooperative Program for Population Projections.

Within the Public Health Statistics Section, the Indiana Birth Problem Registry has the responsibility to locate all cases of birth problems (birth defects, low birth rates, or fetal deaths) that occur to Indiana residents. This information can then be used to conduct epidemiologic and environmental studies to apply appropriate preventive and control measures and educate parents about care facilities and appropriate resources.

VITAL RECORDS SECTION

During 1986, the Vital Records Section received and filed over 175,000 records of vital events that occurred in the State of Indiana. Birth, death and fetal death certificates are processed for statistical analysis and future certification while marriage and terminated pregnancy reports are utilized for statistical analysis only.

Although certified copies of birth, death and fetal death certificates may also be obtained in the local health department where the event occurred (96 jurisdictions), the Vital Records Section issued over 61,000 certifications during 1986. Of these, 40.3 percent of the total (24,600 certifications) were

issued to individuals applying in person at the State Board of Health. Verifications of birth facts were provided to governmental agencies for 6,200 records and over 7,200 birth records were amended to correct errors made in the recording of birth facts, reflect paternity and establish adoptive certificates.

Eight training workshops were conducted around the state for health departments, hospitals and funeral directors. Additional presentations were made to the Northern Indiana Medical Records Association, Clerks of Circuit Court Fall Meeting and Marion County Adoption Placement Agencies.

Within the Vital Records Section, the Adoption Medical History Registry was established on January 1, 1986 to administer the medical history program enacted by the Indiana General Assembly. Information in the registry includes Comprehensive Medical History Reports filed at the time of adoption and Voluntary Medical History Reports that can be used to update the comprehensive report or file information for persons adopted prior to 1986.

HOW TO OBTAIN A COPY OF A BIRTH CERTIFICATE

Births are recorded in the state where the birth occurred. Persons born in the other states should write to their state of birth to obtain certified copies of their birth record.

Certified copies of Indiana birth records can be obtained by the person named on the birth record or a member of their immediate family by writing to Vital Records, Indiana State Board of Health, 1330 W. Michigan St., P.O. Box 1964, Indianapolis, IN 46206-1964. Be sure to include the full name at birth, date of birth, place of birth (city or county), father's full name, and mother's full maiden name, the purpose for which the record is requested (i.e. Social Security, school entry, Passport), your written signature and return address. The \$6.00 Search Fee (Check or Money Order payable to the Indiana State Board of Health) includes one copy of the record if found. Additional copies of the same record issued at the same time are \$1.00 for each copy.

The Vital Records Section has all original Indiana birth records since October 1907 and all Indiana delayed registrations of Birth. Most local health departments have birth records since 1882.

HOW TO OBTAIN A COPY OF A DEATH CERTIFICATE

Deaths are recorded in the state where the death occurred. Certified copies of Indiana death records are issued for the

determination of personal and property rights and can be obtained by writing to the Indiana State Board of Health. Your application must include the full name of the deceased, date of death (or year to be searched) and place of death (city or county), the purpose for which the record is requested, your written signature and return address. The \$4.00 Search Fee, for each Five years searched, includes one copy of the record if located.

The Vital Records Section has all original Indiana death records since January 1900. Recent death certificates (within 60 days) should be requested from the local health department where the death occurred. Most local offices also have death records since 1882.

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Population

Indiana's population experienced little net change between the 1980 Census and July 1, 1986, Estimate, with an estimated gain of less than 14,000 for the period. While this was not in line with the State's population history from 1900 to 1980, it was quite typical of the experience of the Midwest and the Eastern United States. These sections, which together contain almost half of the nation's population, had less than 10 percent of the gain the country experienced between 1980 and 1986.

Some of the indicators which show why Indiana's population has been relatively stable in recent years are given in Table 2-1.

While deaths have stayed at virtually the same level, with a marginal increase reflecting population growth, births have dropped markedly since the peak of the baby boom thirty years ago. The 1986 birth figure was the lowest since 1945.

Natural Increase (births minus deaths), together with migration, accounts for all population change. This statistic, like births, has been on the downtrend for 30 years with the 1986 figure of 30,012--the lowest since 1945. The natural increase rate per 1,000 population was 5.45--the lowest since the depression years of the 1930's.

Female population in the childbearing years (15-44) is another strong indicator of population change. This group has been on the increase throughout this century; but, as the baby boom ages, it is now peaking or has actually peaked. Within the next five years, there will be the beginning of an extended decline, which, other things being equal, would indicate a drop in births.

The fertility rate gives the number of births per 1,000 women ages 15 through 44. After declining through the early 1970's, this figure has been relatively steady over the past 10 years, but the 1986 figure of 63.04 was the lowest on record for Indiana.

A comparable statistic, the Total Fertility Rate measures the number of children each woman would have if age specific fertility rates for a given year persisted through her lifetime. To maintain the population over an extended period of time, a Total Fertility Rate of approximately 2.10 is necessary. While the Indiana Total Fertility Rate has been relatively unchanged in recent years, the 1986 figure of 1.69 was the lowest in history. It is evident that if this rate does not increase markedly, the amount of Natural Increase will not only continue to drop but will eventually turn into Natural Decrease. Only the fact that the baby boom has made the proportion of women ages 15-44 very high has prevented this from happening already.

Table 2-2 gives 1980 and 1986 Estimated Population for the State, Health Service Areas and Subareas, Counties and Cities over 5,000 in 1980.

As has been indicated, Indiana gained less than 14,000 people between the 1980 Census and 1986 Estimate. It is estimated that Northern Indiana lost 15,000 people, while Central Indiana gained over 13,000 and Southern Indiana increased by 15,000.

In terms of Subareas, the Gary, Hammond, and East Chicago Subarea, and the Anderson, Muncie, and Richmond Subarea had sizable losses of 29,000 and 26,000 respectively. The Indianapolis area, with an increase of 46,000, was the only major gainer.

Table 2-3 gives 1986 estimated population by race, sex, and five-year age group, while Table 2-3A gives percent change since the 1980 Census.

The total increase was 0.3 of one percent, with the White population showing a loss of 0.7 percent and the Nonwhite a gain of 9.5 percent. Most age groups through age 30 showed population losses, accounted for by the declining fertility rate. On the other hand, the 35-39 age group gained almost 25 percent over the six years, reflecting the movement of the first wave of baby boomers into that group. Each group over age 60 showed increases, with much of this accounted for, by increase in life expectancy accompanied by a decline in Cardiovascular Mortality.

Table 2-4 gives female population in the fertile age group by county.

Table 2-1

ESTIMATED POPULATION, NUMBER OF LIVE BIRTHS AND DEATHS, NATURAL INCREASE*,
NATURAL INCREASE RATES**, FEMALE POPULATION AGES 15-44, FERTILITY RATES***
AND TOTAL FERTILITY RATES**** BY SELECTED YEARS, INDIANA, 1960 - 1986

YEAR	ESTIMATED POPULATION (IN 1000's)	LIVE BIRTHS	DEATHS	NATURAL INCREASE*	NATURAL INCREASE RATES**	FEMALE POPULATION AGES 15-44	FERTILITY RATES***	TOTAL FERTILITY RATES****
1960	4,608.7	112,711	45,340	67,371	14.39	933,400	136.88	3.69
1965	4,861.7	98,075	47,803	50,272	10.34	999,900	108.86	2.94
1970	5,207.1	99,379	48,490	50,889	9.77	1,089,400	94.75	2.53
1975	5,311.5	82,397	46,693	35,704	6.72	1,193,800	68.74	1.83
1980	5,497.6	88,420	47,300	41,120	7.48	1,279,200	69.12	1.84
1981	5,468.0	84,651	47,285	37,366	6.83	1,281,100	66.46	1.77
1982	5,471.0	83,890	46,584	37,306	6.82	1,296,900	65.09	1.74
1983	5,479.0	80,777	47,698	33,079	6.03	1,293,100	63.47	1.70
1984	5,498.0	79,883	47,228	32,655	5.94	1,297,800	63.17	1.70
1985	5,499.1	80,928	48,173	32,755	5.96	1,308,300	63.91	1.72
1986	5,504.0	79,269	49,257	30,012	5.45	1,306,490	63.04	1.69

* Natural Increase: Births minus Deaths

** Per 1,000 Population

*** Births per 1,000 Women 15-44 (Adjusted to 1980 Population)

**** Total Fertility rate equals the average number of births each female would have in her lifetime if the age specific fertility rates for a given year prevailed for her entire fertile period. A rate of 2.1 is necessary to maintain a stable population.

Source: ISBH-Public Health Statistics

Table 2-2

ESTIMATED POPULATION BY RACE, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY, AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA, 1986

COUNTY	JULY 1, 1986 ESTIMATE IN THOUSANDS			1980 CENSUS		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
INDIANA	5,504.0	4,971.9	532.1	5,490,224	5,004,394	485,830
HSA 1	1,957.9	NA	NA	1,972,497	1,739,882	232,615
1 - 1	655.0	NA	NA	683,763	531,936	151,827
JASPER	26.3	NA	NA	26,138	25,919	219
LAKE	491.7	331.3	160.5	522,965	373,428	149,537
Cedar Lake	8.9	NA	NA	8,754	8,686	68
Crown Point	16.7	NA	NA	16,455	16,105	350
Dyer	9.9	NA	NA	9,555	9,400	155
East Chicago	37.0	NA	NA	39,786	19,036	20,750
Gary	136.8	NA	NA	151,953	38,232	113,721
Griffith	16.3	NA	NA	17,026	16,684	342
Hammond	86.4	NA	NA	93,714	83,853	9,861
Highland	24.4	NA	NA	25,935	25,554	381
Hobart	22.4	NA	NA	22,987	22,602	385
Lake Station	14.4	NA	NA	14,294	13,575	719
Lowell	6.1	NA	NA	5,827	5,791	36
Merrillville	26.8	NA	NA	27,677	27,091	586
Munster	20.2	NA	NA	20,671	20,004	667
Schererville	14.5	NA	NA	13,209	12,901	308
Whiting	5.2	NA	NA	5,630	5,328	302
NEWTON	13.9	NA	NA	14,844	14,743	101
PORTER	123.1	NA	NA	119,816	117,846	1,970
Chesterton	8.5	NA	NA	8,531	8,437	94
Portage	28.4	NA	NA	27,409	26,720	689
Valparaiso	22.2	NA	NA	22,247	21,740	507
1 - 2	666.2	NA	NA	662,080	616,079	46,001
CASS	39.7	NA	NA	40,936	40,449	487
Logansport	17.3	NA	NA	17,899	17,630	269
ELKHART	146.4	137.8	8.6	137,330	129,971	7,359
Elkhart	44.0	NA	NA	41,305	35,532	5,773
Goshen	21.4	NA	NA	19,665	19,139	526
FULTON	18.7	NA	NA	19,335	19,072	263
Rochester	5.1	NA	NA	5,050	5,021	29
LAPORTE	106.1	95.6	10.5	108,632	98,899	9,733
LaPorte	21.7	NA	NA	21,796	21,238	558
Michigan City	35.5	NA	NA	36,850	28,644	8,206
MARSHALL	41.3	NA	NA	39,155	38,769	386
Plymouth	8.1	NA	NA	7,693	7,531	162
MIAMI	38.0	NA	NA	39,820	37,886	1,934
Peru	13.2	NA	NA	13,764	13,060	704

Table 2-2

ESTIMATED POPULATION BY RACE, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY, AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA, 1986

COUNTY	JULY 1, 1986 ESTIMATE IN THOUSANDS			1980 CENSUS		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
PULASKI	13.2	NA	NA	13,258	13,155	103
ST. JOSEPH	241.4	212.3	29.1	241,617	216,070	25,547
Mishawaka	41.5	NA	NA	40,201	39,370	831
South Bend	106.8	NA	NA	109,727	87,236	22,491
STARKE	21.4	NA	NA	21,997	21,808	189
1 - 3	636.8	NA	NA	626,654	591,867	34,787
ADAMS	30.3	NA	NA	29,619	29,100	519
Decatur	8.6	NA	NA	8,649	8,239	410
ALLEN	295.3	260.0	35.3	294,335	262,908	31,427
Fort Wayne	172.9	NA	NA	172,196	143,344	28,852
New Haven	7.3	NA	NA	6,714	6,669	45
DEKALE	33.8	NA	NA	33,606	33,374	232
Auburn	8.8	NA	NA	8,122	8,068	54
HUNTINGTON	35.5	NA	NA	35,596	35,269	327
Huntington	16.8	NA	NA	16,202	15,994	208
KOSCIUSKO	63.6	NA	NA	59,555	58,719	836
Warsaw	11.1	NA	NA	10,647	10,416	231
LAGRANGE	28.0	NA	NA	25,550	25,440	110
NOBLE	37.2	NA	NA	35,443	35,211	232
Kendallville	7.8	NA	NA	7,299	7,255	44
STEBEN	26.5	NA	NA	24,694	24,351	343
Angola	5.7	NA	NA	5,486	5,253	233
WABASH	35.2	NA	NA	36,640	36,154	486
North Manchester	5.8	NA	NA	5,998	5,886	112
Wabash	12.0	NA	NA	12,985	12,745	240
WELLS	24.4	NA	NA	25,401	25,268	133
Bluffton	8.9	NA	NA	8,705	8,639	66
WHITLEY	27.0	NA	NA	26,215	26,073	142
Columbia City	5.2	NA	NA	5,091	5,052	39
HSA 2	2,175.5	NA	NA	2,162,259	1,951,351	210,908
2 - 1	1,212.7	NA	NA	1,166,575	998,266	168,309
BOONE	38.4	NA	NA	36,446	36,227	219
Lebanon	11.8	NA	NA	11,456	11,371	85
HAMILTON	94.2	NA	NA	82,027	81,025	1,002
Carmel	23.1	NA	NA	18,272	17,974	298
Noblesville	15.1	NA	NA	12,056	11,846	210
HANCOCK	44.9	NA	NA	43,939	43,636	303
Greenfield	11.7	NA	NA	11,439	11,338	101
HENDRICKS	74.5	NA	NA	69,804	69,117	687
Brownsburg	6.6	NA	NA	6,242	6,200	42
Plainfield	10.3	NA	NA	9,191	9,090	101

Table 2-2

ESTIMATED POPULATION BY RACE, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY, AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA, 1986

COUNTY	JULY 1, 1986 ESTIMATE IN THOUSANDS			1980 CENSUS		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
JOHNSON	83.2	NA	NA	77,240	75,912	1,328
Franklin	12.1	NA	NA	11,563	11,243	320
Greenwood	22.9	NA	NA	19,327	19,152	175
MARTION	785.0	595.4	189.6	765,233	601,092	164,141
Beech Grove	13.3	NA	NA	13,196	13,079	117
Indianapolis	730.6	NA	NA	700,807	540,294	160,513
Lawrence	26.6	NA	NA	25,591	22,864	2,727
Speedway	12.5	NA	NA	12,641	12,275	366
MORGAN	53.0	NA	NA	51,999	51,845	154
Martinsville	11.9	NA	NA	11,311	11,280	31
Mooreville	5.8	NA	NA	5,349	5,325	24
SHELBY	39.5	NA	NA	39,887	39,412	475
Shelbyville	14.4	NA	NA	14,989	14,634	355
2 - 2	514.1	NA	NA	540,471	515,127	25,344
BLACKFORD	15.0	NA	NA	15,570	15,524	46
Hartford City	7.6	NA	NA	7,622	7,597	25
DELAWARE	120.9	112.0	8.9	128,587	120,018	8,569
Muncie	72.5	NA	NA	77,216	69,089	8,127
FAYETTE	27.5	NA	NA	28,272	27,691	581
Connersville	16.4	NA	NA	17,023	16,505	518
FRANKLIN	20.1	NA	NA	19,612	19,569	43
HENRY	50.1	NA	NA	53,336	52,649	687
New Castle	18.4	NA	NA	20,056	19,558	498
JAY	21.8	NA	NA	23,239	23,085	154
Portland	6.5	NA	NA	7,074	7,031	43
MADISON	132.7	11.4	121.3	139,336	128,913	10,423
Alexandria	5.5	NA	NA	6,028	5,999	29
Anderson	60.9	NA	NA	64,695	55,414	9,281
Elwood	9.8	NA	NA	10,867	10,803	64
RANDOLPH	28.0	NA	NA	29,997	29,781	216
Union City	3.4	NA	NA	3,908	3,842	66
Winchester	5.4	NA	NA	5,659	5,623	36
RUSH	18.8	NA	NA	19,604	19,384	220
Rushville	5.5	NA	NA	6,113	5,952	161
UNION	7.0	NA	NA	6,860	6,816	44
WAYNE	72.2	NA	NA	76,058	71,697	4,361
Richmond	38.9	NA	NA	41,349	37,258	4,091
2 - 3	178.5	NA	NA	184,649	173,015	11,634
GRANT	77.1	70.1	7.0	80,934	74,581	6,353
Gas City	6.4	NA	NA	6,370	6,322	48
Marion	35.7	NA	NA	35,874	30,024	5,850

Table 2-2

ESTIMATED POPULATION BY RACE, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY, AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA, 1986

COUNTY	JULY 1, 1986 ESTIMATE IN THOUSANDS			1980 CENSUS		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
HOWARD	85.2	NA	NA	86,896	81,711	5,185
Kokomo	45.5	NA	NA	47,808	43,301	4,507
TIPTON	16.2	NA	NA	16,819	16,723	96
Tipton	4.7	NA	NA	5,004	4,968	36
2 - 4	270.1	NA	NA	270,564	264,943	5,621
BENTON	9.8	NA	NA	10,218	10,174	44
CARROLL	19.1	NA	NA	19,722	19,630	92
CLINTON	31.1	NA	NA	31,545	31,344	201
Frankfort	15.1	NA	NA	15,168	15,010	158
FOUNTAIN	18.6	NA	NA	19,033	18,958	75
MONTGOMERY	35.3	NA	NA	35,501	35,211	290
Crawfordsville	13.6	NA	NA	13,325	13,103	222
TIPPECANOE	124.4	NA	NA	121,702	116,918	4,784
Lafayette	44.2	NA	NA	43,011	41,780	1,231
West Lafayette	20.8	NA	NA	21,247	19,713	1,534
WARREN	8.5	NA	NA	8,976	8,949	27
WHITE	23.3	NA	NA	23,867	23,759	108
Monticello	5.0	NA	NA	5,162	5,112	50
HSA 3	1,370.5	NA	NA	1,355,468	1,313,161	42,307
3 - 1	218.3	NA	NA	222,118	213,539	8,579
CLAY	24.7	NA	NA	24,862	24,713	149
Brazil	7.7	NA	NA	7,852	7,736	116
PARKE	15.9	NA	NA	16,372	16,270	102
PUTNAM	30.0	NA	NA	29,163	28,579	584
Greencastle	8.2	NA	NA	8,403	8,210	193
SULLIVAN	20.6	NA	NA	21,107	21,034	73
VERMILLION	17.6	NA	NA	18,229	18,144	85
Clinton	4.8	NA	NA	5,267	5,249	18
VIGO	109.5	101.4	8.1	112,385	104,799	7,586
Terre Haute	57.9	NA	NA	61,125	55,077	6,048
3 - 2	191.4	NA	NA	187,514	181,714	5,800
GREENE	30.4	NA	NA	30,416	30,293	123
Linton	5.9	NA	NA	6,315	6,295	20
LAWRENCE	42.4	NA	NA	42,472	42,224	248
Bedford	13.7	NA	NA	14,410	14,291	119
MONROE	101.7	NA	NA	98,785	93,472	5,313
Bloomington	52.5	NA	NA	52,044	47,411	4,633
OWEN	16.9	NA	NA	15,841	15,725	116
3 - 3	265.2	NA	NA	262,058	258,567	3,491
BARTHOLOMEW	64.5	NA	NA	65,088	63,477	1,611
Columbus	30.8	NA	NA	30,614	29,378	1,236

Table 2-2

ESTIMATED POPULATION BY RACE, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY, AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA, 1986

COUNTY	JULY 1, 1986 ESTIMATE IN THOUSANDS			1980 CENSUS		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
BROWN	12.8	NA	NA	12,377	12,287	90
DEARBORN	37.2	NA	NA	34,291	33,930	361
DECATUR	23.5	NA	NA	23,841	23,749	92
Greensburg	8.8	NA	NA	9,254	9,190	64
JACKSON	37.1	NA	NA	36,523	36,217	306
Seymour	15.3	NA	NA	15,050	14,806	244
JEFFERSON	29.3	NA	NA	30,419	29,844	575
Madison	11.6	NA	NA	12,472	12,168	304
JENNINGS	22.8	NA	NA	22,854	22,588	266
North Vernon	5.6	NA	NA	5,768	5,645	123
OHIO	5.3	NA	NA	5,114	5,053	61
RIPLEY	25.4	NA	NA	24,398	24,308	90
SWITZERLAND	7.3	NA	NA	7,153	7,114	39
3 - 4	163.8	NA	NA	161,534	159,637	1,897
DAVISS	28.7	NA	NA	27,836	27,649	187
Washington	11.3	NA	NA	11,325	11,191	134
DUBOIS	36.0	NA	NA	34,238	34,129	109
Huntingburg	5.3	NA	NA	5,376	5,362	14
Jasper	9.6	NA	NA	9,097	9,076	21
GIBSON	33.5	NA	NA	33,156	32,427	729
Princeton	8.9	NA	NA	8,976	8,568	408
KNOX	41.4	NA	NA	41,838	41,107	731
Vincennes	20.5	NA	NA	20,857	20,189	668
MARTIN	11.0	NA	NA	11,001	10,930	71
PIKE	13.2	NA	NA	13,465	13,395	70
3 - 5	253.4	NA	NA	248,134	239,963	8,171
CLARK	88.8	NA	NA	88,838	83,869	4,969
Charlestown	5.8	NA	NA	5,596	5,460	136
Clarksville	14.5	NA	NA	15,164	14,593	571
Jeffersonville	21.3	NA	NA	21,220	18,274	2,946
CRAWFORD	10.3	NA	NA	9,820	9,757	63
FLOYD	63.0	NA	NA	61,169	58,736	2,433
New Albany	37.2	NA	NA	37,103	34,995	2,108
HARRISON	29.1	NA	NA	27,276	27,059	217
ORANGE	19.3	NA	NA	18,677	18,376	301
SCOTT	20.4	NA	NA	20,422	20,296	126
Scottsburg	5.1	NA	NA	5,068	5,022	46
WASHINGTON	22.5	NA	NA	21,932	21,870	62
Salem	5.3	NA	NA	5,290	5,277	13

Table 2-2

ESTIMATED POPULATION BY RACE, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY, AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA, 1986

COUNTY	JULY 1, 1986 ESTIMATE IN THOUSANDS			1980 CENSUS		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
3 - 6	278.1	NA	NA	274,110	259,741	14,369
PERRY	19.0	NA	NA	19,346	19,272	74
Tell City	8.6	NA	NA	8,704	8,665	39
POSEY	25.8	NA	NA	26,414	25,989	425
Mt. Vernon	8.2	NA	NA	7,656	7,345	311
SPENCER	20.3	NA	NA	19,361	19,174	187
VANDERBURGH	167.6	153.1	14.6	167,515	154,335	13,180
Evansville	129.9	NA	NA	130,496	117,917	12,579
WARRICK	45.4	NA	NA	41,474	40,971	503
Boonville	7.2	NA	NA	6,300	6,202	98

Because of Rounding, Figures may not add to Total

Source: ISBH-Public Health Statistics

Table 2-3

ESTIMATED POPULATION BY RACE AND SEX, BY AGE, INDIANA, 1986

GROUP	TOTAL	WHITE	WHITE MALE	WHITE FEMALE	NONWHITE	NONWHITE MALE	NONWHITE FEMALE	TOTAL MALE	TOTAL FEMALE
TOTAL	5,504,000	4,991,860	2,407,830	2,564,030	532,140	252,720	279,420	2,660,550	2,843,450
UNDER 1	79,620	70,350	35,740	34,610	9,270	4,520	4,650	40,360	39,260
1 - 4	321,130	283,090	145,310	137,780	38,040	19,160	18,880	164,470	156,660
5 - 9	406,990	357,070	181,840	175,230	49,920	25,030	24,890	206,870	200,120
10 - 14	406,390	356,830	182,890	173,940	49,560	24,850	24,710	207,740	198,650
15 - 19	460,450	407,760	208,060	199,700	52,690	26,220	26,470	234,280	226,170
20 - 24	493,360	438,950	218,400	220,550	54,410	26,370	28,040	244,770	248,590
25 - 29	456,880	405,680	200,970	204,710	51,200	23,990	27,210	224,960	231,920
30 - 34	435,430	389,620	191,530	198,090	45,810	21,090	24,720	212,620	222,810
35 - 39	414,220	377,030	184,940	192,090	37,190	17,110	20,080	202,050	212,170
40 - 44	323,770	297,350	146,790	150,560	26,420	12,150	14,270	158,940	164,830
45 - 49	277,700	255,600	125,870	129,730	22,100	10,170	11,930	136,040	141,660
50 - 54	252,260	232,020	113,290	118,730	20,240	9,300	10,940	122,590	129,670
55 - 59	265,200	245,220	118,140	127,080	19,980	9,220	10,760	127,360	137,840
60 - 64	256,760	239,410	112,070	127,340	17,350	7,930	9,420	120,000	136,760
65 - 69	213,180	199,900	89,350	110,550	13,280	5,880	7,400	95,230	117,950
70 - 74	172,450	162,050	68,080	93,970	10,400	4,330	6,070	72,410	100,040
75 - 79	125,540	118,410	44,530	73,880	7,130	2,870	4,260	47,400	78,140
80 - 84	80,140	75,910	24,090	51,820	4,230	1,510	2,720	25,600	54,540
85 +	62,530	59,610	15,940	43,670	2,920	920	2,000	16,860	45,670

Source: ISBH-Public Health Statistics

Table 2-3A

ESTIMATED PERCENT OF POPULATION CHANGE BY RACE AND SEX, BY AGE, INDIANA, 1986

GROUP	TOTAL	WHITE	WHITE MALE	WHITE FEMALE	NONWHITE	NONWHITE MALE	NONWHITE FEMALE	TOTAL MALE	TOTAL FEMALE
TOTAL	0.3	-0.7	-1.1	-0.3	9.5	8.8	10.2	-0.2	0.7
UNDER 1	-10.7	-10.0	-11.3	-8.8	-15.7	-16.9	-14.5	-11.9	-9.5
1 - 4	-2.6	-2.5	-2.6	-2.4	-2.9	-3.7	-2.1	-2.8	-2.4
5 - 9	-6.0	-6.9	-7.7	-6.1	1.1	0.8	1.4	-6.8	-5.2
10 - 14	-10.6	-12.3	-12.3	-12.3	3.3	4.0	2.6	-10.6	-10.7
15 - 19	-13.1	-14.2	-13.3	-15.2	-2.9	-2.3	-3.4	-12.2	-14.0
20 - 24	-4.9	-6.1	-6.2	-6.1	6.4	9.0	4.1	-4.7	-5.0
25 - 29	-1.3	-3.1	-3.9	-2.4	16.1	15.8	16.4	-2.1	-0.5
30 - 34	5.8	3.3	2.9	3.9	32.7	29.9	35.1	5.0	6.5
35 - 39	24.8	23.2	22.4	24.1	42.5	41.7	43.1	23.8	25.7
40 - 44	15.0	14.5	14.7	14.4	20.4	20.4	20.5	15.1	14.9
45 - 49	4.1	3.9	4.8	3.1	5.8	5.9	5.6	4.9	3.3
50 - 54	-11.0	-11.6	-11.0	-12.2	-2.3	-3.2	-1.6	-10.5	-11.4
55 - 59	-4.6	-5.6	-4.2	-6.9	9.2	6.0	12.1	-3.5	-5.6
60 - 64	9.8	8.9	10.1	7.8	24.9	24.3	25.3	10.9	8.9
65 - 69	7.8	7.5	7.7	7.4	11.5	11.7	11.3	8.0	7.6
70 - 74	13.0	12.5	13.9	11.5	20.4	15.9	23.7	14.0	12.2
75 - 79	13.7	13.4	13.8	13.2	18.3	19.5	17.4	14.1	13.4
80 - 84	14.3	13.7	7.8	16.6	27.4	17.3	32.9	8.3	17.4
85 +	14.9	14.8	6.9	18.4	16.5	5.0	22.7	6.1	18.5

Source: ISBH-Public Health Statistics

Table 2-4

FEMALE POPULATION, AGES 15-44 (WOMEN OF CHILD
BEARING AGE), BY RACE, BY COUNTY, INDIANA, 1986

COUNTY	TOTAL	WHITE	NONWHITE	COUNTY	TOTAL	WHITE	NONWHITE
ADAMS	6,470	NA	NA	MADISON	30,460	27,520	2,940
ALLEN	71,510	62,060	9,460	MARION	191,640	142,180	49,460
BARTHOLOMEW	15,890	NA	NA	MARSHALL	9,090	NA	NA
BENTON	1,910	NA	NA	MARTIN	2,340	NA	NA
BLACKFORD	3,300	NA	NA	MIAMI	8,760	NA	NA
BOONE	9,160	NA	NA	MONROE	30,160	NA	NA
BROWN	3,060	NA	NA	MONTGOMERY	7,450	NA	NA
CARROLL	4,030	NA	NA	MORGAN	12,590	NA	NA
CASS	8,850	NA	NA	NEWTON	3,190	NA	NA
CLARK	22,100	NA	NA	NOBLE	8,460	NA	NA
CLAY	5,120	NA	NA	OHIO	1,170	NA	NA
CLINTON	6,670	NA	NA	ORANGE	4,060	NA	NA
CRAWFORD	2,300	NA	NA	OWEN	3,670	NA	NA
DAVISS	5,840	NA	NA	PARKE	3,270	NA	NA
DEARBORN	8,430	NA	NA	PERRY	3,980	NA	NA
DECATUR	5,170	NA	NA	PIKE	2,860	NA	NA
DEKALB	7,680	NA	NA	PORTER	31,840	NA	NA
DELAWARE	31,210	28,890	2,310	POSEY	6,160	NA	NA
DUBOIS	8,260	NA	NA	PULASKI	2,600	NA	NA
ELKHART	34,980	32,670	2,320	PUTNAM	6,820	NA	NA
FAYETTE	6,210	NA	NA	RANDOLPH	6,290	NA	NA
FLOYD	15,150	NA	NA	RIPLEY	5,550	NA	NA
FOUNTAIN	4,020	NA	NA	RUSH	4,030	NA	NA
FRANKLIN	4,520	NA	NA	ST. JOSEPH	55,820	48,160	7,660
FULTON	3,800	NA	NA	SCOTT	4,820	NA	NA
GIBSON	7,070	NA	NA	SHELBY	9,140	NA	NA
GRANT	17,800	16,020	1,790	SPENCER	4,200	NA	NA
GREENE	6,540	NA	NA	STARKE	4,770	NA	NA
HAMILTON	23,640	NA	NA	STEUBEN	5,910	NA	NA
HANCOCK	11,180	NA	NA	SULLIVAN	4,360	NA	NA
HARRISON	6,980	NA	NA	SWITZERLAND	1,520	NA	NA
HENDRICKS	18,100	NA	NA	TIPPECANOE	33,830	NA	NA
HENRY	11,500	NA	NA	TIPTON	3,640	NA	NA
HOWARD	20,520	NA	NA	UNION	1,490	NA	NA
HUNTINGTON	7,780	NA	NA	VANDERBURGH	37,790	34,120	3,670
JACKSON	8,350	NA	NA	VERMILLION	3,860	NA	NA
JASPER	6,430	NA	NA	VIGO	25,590	23,460	2,140
JAY	4,690	NA	NA	WABASH	7,960	NA	NA
JEFFERSON	7,060	NA	NA	WARREN	1,780	NA	NA
JENNINGS	5,580	NA	NA	WARRICK	11,490	NA	NA
JOHNSON	21,450	NA	NA	WASHINGTON	5,010	NA	NA
KNOX	8,910	NA	NA	WAYNE	16,170	NA	NA
KOSCIUSKO	14,930	NA	NA	WELLS	5,550	NA	NA
LAGRANGE	6,220	NA	NA	WHITE	4,980	NA	NA
LAKE	112,730	71,020	41,710	WHITLEY	5,990	NA	NA
LAPORTE	23,600	21,100	2,500				
LAWRENCE	9,570	NA	NA	INDIANA	1,306,490	1,165,700	140,790

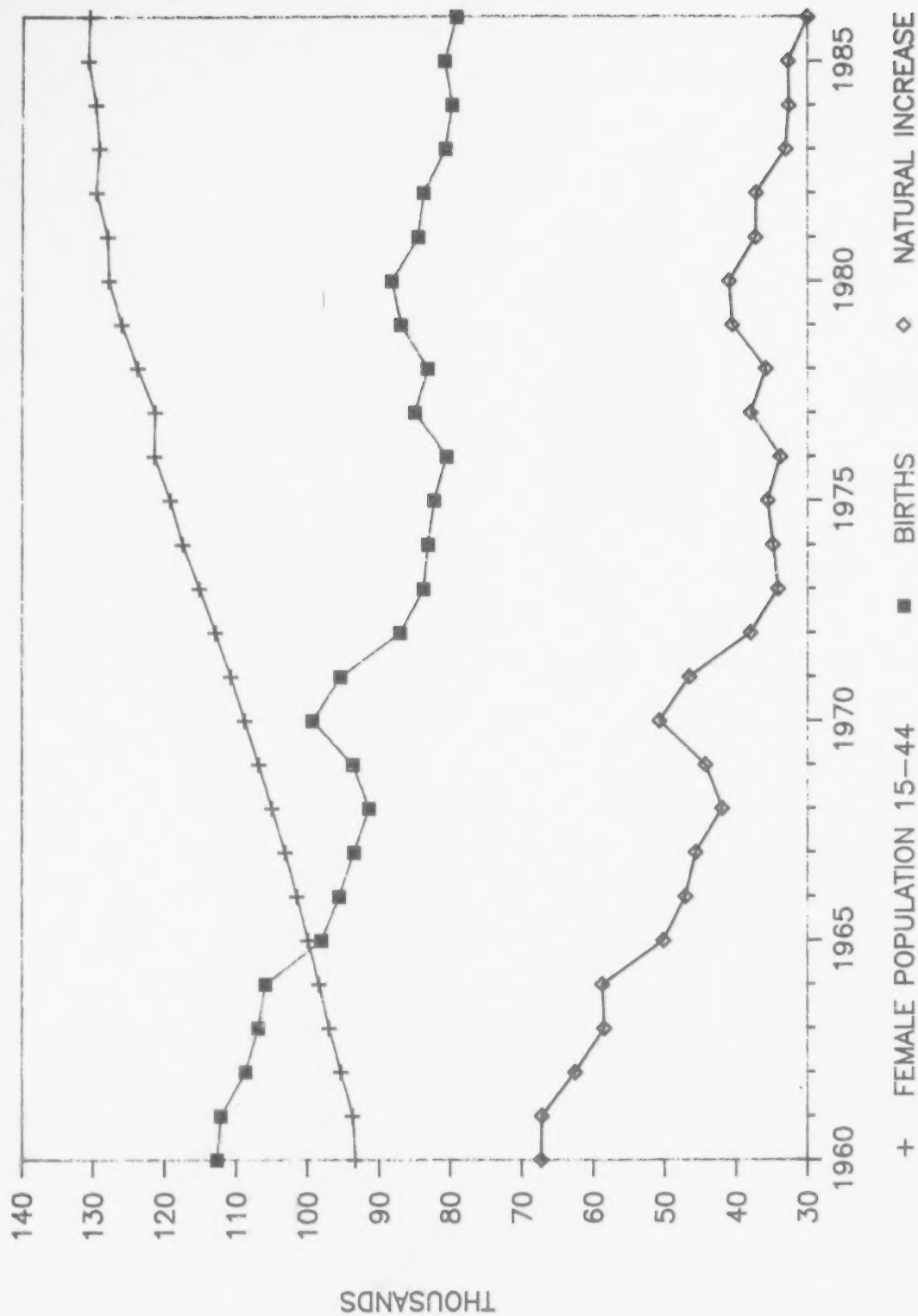
NA = Not Available

Because of Rounding, Figures may not add to Total

Source: ISBH-Public Health Statistics

Figure 2-1

FEMALE POPULATION, BIRTHS, & NATURAL INCREASE, INDIANA, 1960 - 1986



Source: ISBH—Public Health Statistics

'86

Nativity

All data contained in this section refer to Indiana residents, unless otherwise specified, regardless of place of occurrence.

In 1986, Indiana had 79,269 live resident births with a rate of 14.4 births per 1,000 population. This was a decrease from 1985 which had 80,928 births with a rate of 14.7.

Table 3-1 shows Indiana and the United States birth rates from 1960 to the present. Indiana's 1986 births are 33,442 less than what they were in 1960. This is a drop in the number of Indiana births of almost 30 percent, whereas, the U.S. number dropped almost 12 percent. Indiana's rate dropped almost 40 percent, while the U.S. rates dropped 35 percent. Up until 1981, Indiana had slightly higher birth rates than the United States. Starting in 1981, Indiana had lower crude birth rates than the United States. This trend is graphically shown in Figure 3-1.

Table 3-2 shows what the Indiana fertility rate would be if Indiana had the same female age distribution as the United States in 1980. With the exception of 1980, the fertility rate would have been higher in Indiana if the female age distribution were the same as that of the United States.

Table 3-3 gives white birth rates and the nonwhite birth rates for those eleven counties that had nonwhite population over 5,000 in 1980.

In 1986, Indiana had a crude birth rate of 14.4 births per 1,000 population. LaGrange County had the highest rate of 21.5. It was followed by Adams (17.5), Marion (17.4), Miami (17.3), and Elkhart (17.2).

Union County had the lowest birth rate with 10.6 births per 1,000 population. Other low birth rate counties were Pike (10.7), Vermillion (10.9), Henry (11.0), and Monroe (11.4).

Map 3-1 features Indiana birth rates and graphically displays them on a State map.

Table 3-4 gives the 1986 births and birth rates by month. September had the highest rate of 15.7, while November had the lowest rate of 13.4 births per 1,000 population.

In 1986, the most births occurred to women ages 25-29, followed by women ages 20-24. Over sixty-four percent of births occurred to women in these two age groups. For the white population, over sixty-five percent occurred in these two age groups; for the nonwhites, it was only fifty-six percent.

Almost seventy percent of births in Indiana occurred to women who lived in urban areas. Of the females under the age of 15 who gave birth, almost eighty percent of them lived in urban areas. For women, ages 20-24, 66.5 percent lived in urban areas. Seventy-four percent of women ages 30-34, and 58.3 percent of women over the age of 45, also live in urban areas. Approximately sixty-eight percent of the total population lived in the thirty counties that are considered as urban.

In 1986, 32,030 births, or 40.4 percent of the total, were first births; and, 27,068 births, or 34.1 percent, were second births.

In 1986, 5,459 of the 79,269 births (or 6.9 percent) in Indiana had Apgar scores of under 6 at one minute. Looking at the racial breakdown, 4,649 of the 70,686 white births (or 6.6 percent) had Apgar scores of under 6 at one minute, and 810 of the 8,583 (or 9.4 percent) nonwhite births had Apgar scores under 6 at one minute. (See Table 3-9.)

At the five-minute level, only 888 births had Apgar scores of under 6--which is 1.1 percent. Looking at the white births, only 693 (or 1.0 percent) had Apgar scores under 6, while 195 (or 2.3 percent) of the nonwhite births had scores under 6. (See Table 3-10.)

Thirty-five percent of all births had an Apgar score of 8 at one minute, and 9 at five minutes. Over seventy-one percent of the births had scores of at least 8 on both the one-minute and five-minute mark.

Table 3-11 gives the Apgar scores at one minute by age of mother. For those under age fifteen, 28 of the 191 known scores (or 14.7 percent) had Apgar scores of less than 6 at one minute. Women, ages 25-29, had the lowest percentage of scores under 6 at one minute for 6.4 percent (1,566 of 24,624 known scores).

Table 3-12 gives mother's marital status by education and by race. Figure 3-2 shows this graphically.

Table 3-13 gives the number of prenatal visits by mother's education and by race.

Table 3-14 gives the number of prenatal visits by mother's age and by race.

In 1986, ninety-nine percent of live births occurred in hospitals. Seventy-five percent of the hospital births occurred in the county of residence. Adams County had the lowest percent of hospital births with 83.4 percent. Next lowest was LaGrange County with 92.0 percent hospital births. (See Table 3-16.)

Table 3-17 gives the number and rate of low birth weight infants for Indiana and the United States. Figure 3-3 clearly shows the comparison of Indiana and the U.S.

In 1986, Indiana had a low birth weight rate of 63.9 per 1,000 live births. Switzerland County had the highest rate of 110.0. It was followed by the following counties: Crawford (105.6), Washington (95.2), Owen (88.0), and Marion (80.6). (See Table 3-20.)

The lowest low birth weight rate occurred in Brown County with a rate of 28.9. Other low birth rate counties were Jasper (31.8), Jefferson (32.1), Steuben (34.6), and Clay (35.5). Map 4-2 shows the rates of the counties.

Table 3-19 gives the low birth weight infants by age and race of mother. Females under the age of 15 had the highest low birth weight rate (181.8 per 1,000 live births), while women ages 25-29 had the lowest rate (54.7).

White females, under the age of 15, had a rate of 156.9 per 1,000 live births; nonwhites in this same age group had a rate of 210.5.

Since 1960, the out of wedlock birth rate has increased by 527 percent. The white rate has increased by 607 percent, and the nonwhite rate has increased by 334 percent. In 1986, the nonwhite rate is four times as high as the white rate. Figure 3-4 shows the increase and the difference between the white and nonwhite rates. (See Table 3-20.)

In 1986, Indiana had an out of wedlock rate of 210.9 per 1,000 live births. The white out of wedlock rate was 156.0, while the nonwhite rate was 662.7. Lake County had the highest out of wedlock rate with 344.3. Lake County was followed by the following counties: Marion (312.3), Grant (309.5), Wayne (277.3), and Madison (274.2).

Map 3-3 shows the total out of wedlock rates for each county. (See Table 3-21.)

Spencer County had the lowest rate with 58.8, followed by the following counties: Dubois (68.2), Hamilton (79.0), Sullivan (80.6), and Boone (80.7).

In 1986, the females under the age of 15 had the highest out of wedlock rate of 954.5 per 1,000 live births. The rate for whites in this age group was 921.6, while the nonwhite rate was 1,000 per 1,000 live births. The lowest out of wedlock rate was in the 30-34 year old age group with 80.2 per 1,000 live births. For the white population, the lowest rate was in the 30-34 year

old age group with a rate of 53.3; for the nonwhite population, the lowest rate was in the 45 year old and over age group with a rate of 0.0. (See Tables 3-22 and 3-23.)

Table 3-24 gives the fertility rates for selected years from 1960 to 1986. Since 1960, the fertility rate has dropped by fifty percent. Figures 3-6 and 3-7 show the age-specific fertility rates from 1975 to 1986. Figure 3-8 is a bar chart that compares the difference between 1960 and 1986.

Table 3-25 gives the age-specific fertility rates by county. LaGrange County had the highest fertility rate in the State with a rate of 96.8 births per 1,000 women aged 15-44. It was followed by the following counties: Adams (82.1), Pulaski (78.8), Miami (74.9), and Daviess (73.7).

Monroe County had the lowest rate of 38.5 births per 1,000 women ages 15-44. It was followed by the following counties: Hancock (47.3), Delaware (47.4), Henry (48.0), and Harrison (48.3).

For ages 15-19, Crawford County had the highest rate (97.5). It was followed by the following counties: Marion (83.4), Wayne (70.3); Starke and Blackford Counties tied with a rate of 68.9. Hamilton County had the lowest fertility rate (18.1). Other low rate counties were Monroe (22.3), Tippecanoe (24.4), Randolph (27.6), and Hendricks (28.6).

In the 20-24 year old age group, Pulaski County had the highest rate (192.7). It was followed by the following: LaGrange (190.6), Martin (171.8), Miami (171.3), and Switzerland (163.0). Monroe County had the lowest rate of 28.8. Other low rate counties were Tippecanoe (46.6), Delaware (53.8), Ohio (60.9), and Putnam (62.9).

For the 25-29 year olds, LaGrange County had the highest rate of (179.8). It was followed by the following counties: Adams (171.0), Wells (160.4), Dubois (160.3), and Hendricks (154.3). Crawford County had the lowest rate with 47.5 births per 1,000 women aged 25-29. Other low rate counties were Pike (81.3), Jefferson (83.3), Harrison (83.5), and Monroe (84.3).

In the 30-34 year old age group, LaGrange County had the highest rate (93.2). Following LaGrange County were the following counties: Hamilton (93.1), Tippecanoe (90.3), Adams (80.9), and Brown (80.7). Starke had the lowest rate of 26.2. Other low rate counties were Greene (29.8), Switzerland (30.4), Rush (31.3), and Fayette (36.5).

In the 35-39 year old age group, Adams County had the highest rate of 37.0. It was followed by the following counties: LaGrange (36.8), Daviess (35.7), Martin (31.7), and Monroe

(27.8). Jennings County had the lowest rate at 4.4 births per 1,000 women ages 35-39. The other low rate counties were Vermillion (4.5), Henry (6.3), Blackford (7.3), and Jackson (8.0).

For the ages 40-44, LaGrange County had the highest rate (16.7). It was followed by the following counties: Benton (6.7), Scott and Martin (6.1), and Adams and Owen (5.7). Fourteen counties did not have any births occurring to women ages 40-44.

Tables 3-26, 3-26A, and 3-26B give the live births by age of mother and race for each county. Of the total births to residents of Crawford County, 27.5 percent were to teen-agers which was the highest percentage in the State in 1986. Crawford County was followed by the following: Starke (22.8), Fayette (21.8), Grant (21.7), and Blackford (20.9).

Hamilton County had the lowest percent of births to teen-agers with 5.7 percent. Other low rate counties were LaGrange (7.8), Dubois (8.2), Adams (8.5), and Boone (8.6).

Table 3-27 gives births by race and age of mother for cities that had populations over 25,000 in 1980.

Table 3-28 gives the number of births by hospital regardless of residence of mother. The unknown facility would include the number of residents of Indiana who delivered out of state.

Table 3-1

NUMBER OF LIVE BIRTHS AND LIVE BIRTH RATES*, INDIANA
AND THE UNITED STATES, BY SELECTED YEARS, 1960 - 1986

YEAR	INDIANA		U.S.	
	NUMBER	RATE*	NUMBER	RATE*
1960	112,711	24.1	4,244,796	24.0
1965	98,075	20.2	3,760,358	19.4
1970	99,379	19.1	3,731,386	18.4
1975	82,397	15.5	3,144,198	14.6
1980	88,420	16.1	3,617,258	15.9
1981	84,651	15.5	3,629,238	15.8
1982	83,890	15.3	3,680,517	15.9
1983	80,777	14.7	3,638,931	15.5
1984	79,883	14.5	3,669,141	15.5
1985	80,928	14.7	3,760,561	15.7
1986	79,269	14.4	3,731,000p	15.5p
TOTAL	970,380	16.7	36,871,406p	15.5p

P = Provisional

*Per 1,000 Population

Source: ISBH-Public Health Statistics

Table 3-2

AGE-SEX ADJUSTED FERTILITY RATES* TO THE 1980
UNITED STATES POPULATION, INDIANA, 1980 - 1986

YEAR	FERTILITY RATES*	ADJUSTED TO U.S.
1980	69.12	68.94
1981	66.08	66.35
1982	64.69	65.00
1983	62.47	63.37
1984	61.55	63.13
1985	61.86	63.86
1986	60.40	63.03

*Per 1,000 Female Population Ages 15-44

Source: ISBH-Public Health Statistics

Table 3-3

NUMBER OF LIVE BIRTHS AND BIRTH RATES* BY RACE, BY HEALTH
SERVICE AREA, SUBAREA, AND COUNTY, INDIANA RESIDENTS, 1986

AREA/COUNTY	TOTAL BIRTHS	WHITE BIRTHS	NONWHITE BIRTHS	TOTAL RATE*	WHITE RATE*	NONWHITE RATE*
INDIANA	79,269	70,686	8,583	14.4	14.2	16.1
HSA 1	29,080	25,226	3,854	14.9	NA	NA
1-1	8,990	6,840	2,150	13.7	NA	NA
JASPER	377	377	0	14.3	NA	NA
LAKE	6,839	4,701	2,138	13.9	14.2	13.3
NEWTON	183	182	1	13.2	NA	NA
PORTER	1,591	1,580	11	12.9	NA	NA
1-2	9,894	8,952	942	14.9	NA	NA
CASS	535	528	7	13.5	NA	NA
ELKHART	2,516	2,342	174	17.2	17.0	20.2
FULTON	239	236	3	12.8	NA	NA
LAPORTE	1,415	1,245	170	13.3	13.0	16.2
MARSHALL	590	585	5	14.3	NA	NA
MIAMI	656	632	24	17.3	NA	NA
PULASKI	205	202	3	15.5	NA	NA
ST. JOSEPH	3,466	2,910	556	14.4	13.7	19.1
STARKE	272	272	0	12.7	NA	NA
1-3	10,196	9,434	762	16.0	NA	NA
ADAMS	531	525	6	17.5	NA	NA
ALLEN	4,795	4,062	733	16.2	15.6	20.8
DEKALB	490	488	2	14.5	NA	NA
HUNTINGTON	485	485	0	13.7	NA	NA
KOSCIUSKO	1,065	1,056	9	16.7	NA	NA
LAGRANGE	602	600	2	21.5	NA	NA
NOBLE	599	597	2	16.1	NA	NA
STEUBEN	376	371	5	14.2	NA	NA
WABASH	465	463	2	13.2	NA	NA
WELLS	390	390	0	16.0	NA	NA
WHITLEY	398	397	1	14.7	NA	NA
HSA 2	32,108	28,006	4,102	14.8	NA	NA
2-1	19,534	16,088	3,446	16.1	NA	NA
BOONE	545	544	1	14.2	NA	NA
HAMILTON	1,341	1,324	17	14.2	NA	NA
HANCOCK	529	527	2	11.8	NA	NA
HENDRICKS	969	964	5	13.0	NA	NA
JOHNSON	1,174	1,164	10	14.1	NA	NA
MARION	13,663	10,262	3,401	17.4	17.2	17.9
MORGAN	741	739	2	14.0	NA	NA
SHELBY	572	564	8	14.5	NA	NA
2-2	6,441	6,048	393	12.5	NA	NA
BLACKFORD	201	199	2	13.4	NA	NA
DELAWARE	1,479	1,338	141	12.2	11.9	15.8
FAYETTE	335	328	7	12.2	NA	NA
FRANKLIN	257	257	0	12.8	NA	NA
HENRY	552	542	10	11.0	NA	NA
JAY	307	306	1	14.1	NA	NA
MADISON	1,696	1,532	164	12.8	12.6	14.4

Table 3-3

NUMBER OF LIVE BIRTHS AND BIRTH RATES* BY RACE, BY HEALTH
SERVICE AREA, SUBAREA, AND COUNTY, INDIANA RESIDENTS, 1986

AREA/COUNTY	TOTAL BIRTHS	WHITE BIRTHS	NONWHITE BIRTHS	TOTAL RATE*	WHITE RATE*	NONWHITE RATE*
RANDOLPH	337	335	2	12.0	NA	NA
RUSH	233	232	1	12.4	NA	NA
UNION	74	74	0	10.6	NA	NA
WAYNE	970	905	65	13.4	NA	NA
2-3	2,408	2,240	168	13.5	NA	NA
GRANT	1,008	911	97	13.1	13.0	13.9
HOWARD	1,202	1,131	71	14.1	NA	NA
TIPTON	198	198	0	12.2	NA	NA
2-4	3,725	3,630	95	13.8	NA	NA
BENTON	138	138	0	14.1	NA	NA
CARROLL	240	240	0	12.6	NA	NA
CLINTON	453	452	1	14.6	NA	NA
FOUNTAIN	233	233	0	12.5	NA	NA
MONTGOMERY	455	452	3	12.9	NA	NA
TIPPECANOE	1,763	1,672	91	14.2	NA	NA
WARREN	105	105	0	12.4	NA	NA
WHITE	338	338	0	14.5	NA	NA
HSA 3	18,081	17,454	627	13.2	NA	NA
3-1	2,746	2,616	130	12.6	NA	NA
CLAY	338	337	1	13.7	NA	NA
PARKE	196	195	1	12.3	NA	NA
PUTNAM	345	341	4	11.5	NA	NA
SULLIVAN	273	273	0	13.3	NA	NA
VERMILLION	191	191	0	10.9	NA	NA
VIGO	1,403	1,279	124	12.8	12.6	15.3
3-2	2,299	2,233	66	12.0	NA	NA
GREENE	356	356	0	11.7	NA	NA
LAWRENCE	567	562	5	13.4	NA	NA
MONROE	1,160	1,099	61	11.4	NA	NA
OWEN	216	216	0	12.8	NA	NA
3-3	3,470	3,434	36	13.1	NA	NA
BARTHOLOMEW	866	851	15	13.4	NA	NA
BROWN	173	170	3	13.5	NA	NA
DEARBORN	500	492	8	13.4	NA	NA
DECATUR	306	306	0	13.0	NA	NA
JACKSON	486	485	1	13.1	NA	NA
JEFFERSON	343	336	7	11.7	NA	NA
JENNINGS	287	285	2	12.6	NA	NA
OHIO	63	63	0	11.9	NA	NA
RIPLEY	346	346	0	13.6	NA	NA
SWITZERLAND	100	100	0	13.7	NA	NA
3-4	2,299	2,276	23	14.0	NA	NA
DAVISS	431	429	2	15.0	NA	NA
DUBOIS	572	571	1	15.9	NA	NA
GIBSON	453	442	11	13.5	NA	NA
KNOX	531	523	8	12.8	NA	NA
MARTIN	171	171	0	15.5	NA	NA
PIKE	141	140	1	10.7	NA	NA

Table 3-3

NUMBER OF LIVE BIRTHS AND BIRTH RATES* BY RACE, BY HEALTH
SERVICE AREA, SUBAREA, AND COUNTY, INDIANA RESIDENTS, 1986

AREA/COUNTY	TOTAL BIRTHS	WHITE BIRTHS	NONWHITE BIRTHS	TOTAL RATE*	WHITE RATE*	NONWHITE RATE*
3-5	3,346	3,242	104	13.2	NA	NA
CLARK	1,146	1,080	66	12.9	NA	NA
CRAWFORD	142	142	0	13.8	NA	NA
FLOYD	869	832	37	13.8	NA	NA
HARRISON	337	336	1	11.6	NA	NA
ORANGE	242	242	0	12.5	NA	NA
SCOTT	295	295	0	14.5	NA	NA
WASHINGTON	315	315	0	14.0	NA	NA
3-6	3,921	3,653	268	14.1	NA	NA
PERRY	233	232	1	12.3	NA	NA
POSEY	387	382	5	15.0	NA	NA
SPENCER	238	238	0	11.7	NA	NA
VANDERBURGH	2,414	2,161	253	14.4	14.1	17.3
WARRICK	649	640	9	14.3	NA	NA

NA = Not Available

* Per 1,000 Population

Source: ISBH-Public Health Statistics

Table 3-4

NUMBER OF LIVE BIRTHS AND RATES* BY
MONTH OF OCCURRENCE, INDIANA, 1986

MONTH	NUMBER	RATE*
January	6,423	13.7
February	5,980	14.2
March	6,728	14.4
April	6,528	14.4
May	6,678	14.3
June	6,489	14.3
July	7,071	15.1
August	7,026	15.0
September	7,092	15.7
October	6,654	14.2
November	6,050	13.4
December	6,550	14.0
TOTAL	79,269	14.4

* Per 1,000 Population

Source: ISBH-Public Health Statistics

Table 3-5

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY RACE AND SEX, INDIANA, 1986

	TOTAL	AGES UNDER 15	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGES UNKNOWN
TOTAL	79,269	198	10,917	25,432	25,531	13,052	3,619	467	24	29
MALE	40,485	91	5,525	13,032	13,015	6,694	1,868	235	13	12
FEMALE	38,784	107	5,392	12,400	12,516	6,358	1,751	232	11	17
WHITE	70,686	103	8,748	22,589	23,515	11,986	3,282	429	20	14
MALE	36,095	47	4,421	11,587	11,968	6,150	1,689	218	11	4
FEMALE	34,591	56	4,327	11,002	11,547	5,836	1,593	211	9	10
NONWHITE	8,583	95	2,169	2,843	2,016	1,066	337	38	4	15
MALE	4,390	44	1,104	1,445	1,047	544	179	17	2	8
FEMALE	4,193	51	1,065	1,398	969	522	158	21	2	7

Source: ISBH-Public Health Statistics

Table 3-6

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY URBAN/RURAL AREA AND RACE, INDIANA, 1986

	TOTAL	AGES UNDER 15	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGES UNKNOWN
TOTAL	79,269	198	10,917	25,432	25,531	13,052	3,619	467	24	29
WHITE	70,686	103	8,748	22,589	23,515	11,986	3,282	429	20	14
NONWHITE	8,583	95	2,169	2,843	2,016	1,066	337	38	4	15
URBAN	55,170	157	7,571	16,920	17,857	9,645	2,634	346	14	26
WHITE	47,077	64	5,522	14,251	15,958	8,632	2,321	308	10	11
NONWHITE	8,093	93	2,049	2,669	1,899	1,013	313	38	4	15
RURAL	24,099	41	3,346	8,512	7,674	3,407	985	121	10	3
WHITE	23,609	39	3,226	8,338	7,557	3,354	961	121	10	3
NONWHITE	490	2	120	174	117	53	24	0	0	0

Source: ISBH-Public Health Statistics

Table 3-7

LIVE BIRTH ORDER BY AGE, BY RACE, INDIANA, 1986

ORDER/RACE	TOTAL	AGES UNDER 15	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
TOTAL	79,269	198	10,917	25,432	25,531	13,052	3,619	467	24	29
WHITE	70,686	103	8,748	22,589	23,515	11,986	3,282	429	20	14
NONWHITE	8,583	95	2,169	2,843	2,016	1,066	337	38	4	15
FIRST	32,030	185	8,349	12,064	8,165	2,646	559	48	1	13
WHITE	28,775	99	6,898	11,043	7,688	2,478	513	47	1	8
NONWHITE	3,255	86	1,451	1,021	477	168	46	1	0	5
SECOND	27,068	7	1,958	9,088	10,103	4,858	954	91	2	7
WHITE	24,523	2	1,479	8,116	9,414	4,536	884	87	2	3
NONWHITE	2,545	5	479	972	689	322	70	4	0	4
THIRD	12,763	0	347	3,121	4,946	3,322	939	83	2	3
WHITE	11,292	0	205	2,616	4,493	3,042	855	78	2	1
NONWHITE	1,471	0	142	505	453	280	84	5	0	2
FOURTH	4,143	0	37	709	1,505	1,269	547	69	5	2
WHITE	3,517	0	17	498	1,295	1,146	494	64	3	0
NONWHITE	626	0	20	211	210	123	53	5	2	2
FIFTH	1,375	0	9	129	418	470	285	62	2	0
WHITE	1,111	0	4	74	320	405	251	55	2	0
NONWHITE	264	0	5	55	98	65	34	7	0	0
SIXTH	540	0	1	25	127	205	137	41	4	0
WHITE	425	0	0	15	93	163	118	33	3	0
NONWHITE	115	0	1	10	34	42	19	8	1	0
SEVENTH	233	0	0	1	38	104	64	24	1	1
WHITE	183	0	0	1	24	80	53	23	1	1
NONWHITE	50	0	0	0	14	24	11	1	0	0
EIGHTH	123	0	0	0	14	48	44	15	2	0
WHITE	93	0	0	0	6	34	38	13	2	0
NONWHITE	30	0	0	0	8	14	6	2	0	0
NINTH AND ABOVE	135	0	0	0	3	26	68	33	5	0
WHITE	108	0	0	0	1	16	58	29	4	0
NONWHITE	27	0	0	0	2	10	10	4	1	0
UNKNOWN	859	6	216	295	212	104	22	1	0	3
WHITE	659	2	145	226	181	86	18	0	0	1
NONWHITE	200	4	71	69	31	18	4	1	0	2

Source: ISBH-Public Health Statistics

Table 3-8

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY BIRTH WEIGHT, AND RACE, INDIANA, 1986

ALL RACES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGE
TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNKNOWN
L.T. 500	133	0	32	27	42	23	9	0	0
500- 749	145	3	32	44	40	14	11	0	1
750- 999	159	4	33	54	37	20	9	2	0
1000-1499	428	3	77	126	143	60	17	2	0
1500-1999	989	10	189	310	269	165	38	8	0
2000-2499	3,204	17	578	1,113	866	452	155	21	2
2500-2999	11,565	48	1,986	3,957	3,481	1,536	483	66	3
3000-3499	28,416	56	4,226	9,476	8,914	4,424	1,162	137	9
3500-3999	24,437	45	2,854	7,634	8,291	4,300	1,148	151	5
4000-4499	7,945	10	742	2,197	2,841	1,647	437	66	2
4500-4999	1,466	1	117	381	502	338	113	13	1
5000 & OVER	212	0	15	59	57	50	30	0	1
UNKNOWN	170	1	36	54	48	23	7	1	0
TOTAL	79,269	198	10,917	25,432	25,531	13,052	3,619	467	24

WHITE	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNKNOWN
L.T. 500	89	0	19	18	31	16	5	0	0
500- 749	114	2	22	36	32	11	10	0	1
750- 999	112	1	21	37	29	15	7	2	0
1000-1499	341	0	51	105	115	52	16	2	0
1500-1999	781	5	129	247	225	139	31	5	0
2000-2499	2,626	9	428	929	717	390	134	18	1
2500-2999	9,591	20	1,451	3,282	3,042	1,322	416	56	2
3000-3499	25,038	31	3,333	8,327	8,163	4,005	1,039	126	7
3500-3999	22,679	27	2,455	7,066	7,855	4,055	1,070	142	5
4000-4499	7,584	7	687	2,079	2,734	1,591	417	64	2
4500-4999	1,398	1	106	369	479	322	107	13	1
5000 & OVER	196	0	15	54	52	48	26	0	1
UNKNOWN	137	0	31	40	41	20	4	1	0
TOTAL	70,686	103	8,748	22,589	23,515	11,986	3,282	429	20

NONWHITE	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNKNOWN
L.T. 500	44	0	13	9	11	7	4	0	0
500- 749	31	1	10	8	8	3	1	0	0
750- 999	47	3	12	17	8	5	2	0	0
1000-1499	87	3	26	21	28	8	1	0	0
1500-1999	208	5	60	63	44	26	7	3	0
2000-2499	578	8	150	184	149	62	21	3	1
2500-2999	1,974	28	535	675	439	214	67	10	1
3000-3499	3,378	25	893	1,149	751	419	123	11	2
3500-3999	1,758	18	399	568	436	245	78	9	0
4000-4499	361	3	55	118	107	56	20	2	0
4500-4999	68	0	11	12	23	16	6	0	0
5000 & OVER	16	0	0	5	5	2	4	0	0
UNKNOWN	33	1	5	14	7	3	3	0	0
TOTAL	8,583	95	2,169	2,843	2,016	1,066	337	38	4

Source: ISBH-Public Health Statistics

Table 3-9

NUMBER OF LIVE BIRTHS AND PERCENTAGE OF LIVE BIRTHS
BY RACE AND SEX, BY APGAR SCORE, INDIANA, 1986

APGAR SCORE	WHITE				NONWHITE		
	TOTAL	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	79,269	70,686	36,095	34,591	8,583	4,390	4,193
ONE MINUTE	79,269	70,686	36,095	34,591	8,583	4,390	4,193
UNDER 6	5,459	4,649	2,528	2,121	810	440	370
6	3,975	3,517	1,832	1,685	458	237	221
7	9,807	8,672	4,450	4,222	1,135	569	566
8	31,898	28,527	14,512	14,015	3,371	1,679	1,692
9	24,209	21,805	11,046	10,759	2,404	1,256	1,148
10	856	810	395	415	46	26	20
NOT STATED	3,065	2,706	1,332	1,374	359	183	176
FIVE MINUTES	79,269	70,686	36,095	34,591	8,583	4,390	4,193
UNDER 6	888	693	407	286	195	111	84
6	746	630	353	277	116	64	52
7	1,843	1,612	880	732	231	122	109
8	7,317	6,437	3,350	3,087	880	450	430
9	52,569	46,745	23,877	22,868	5,824	2,927	2,897
10	12,837	11,858	5,890	5,968	979	531	448
NOT STATED	3,069	2,711	1,338	1,373	358	185	173

PERCENTAGE APGAR SCORE	WHITE				NONWHITE		
	TOTAL	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL							
ONE MINUTE	100.00	100.00	100.00	100.00	100.00	100.00	100.00
UNDER 6	6.89	6.58	7.00	6.13	9.44	10.02	8.82
6	5.01	4.98	5.08	4.87	5.34	5.40	5.27
7	12.37	12.27	12.33	12.21	13.22	12.96	13.50
8	40.24	40.36	40.21	40.52	39.28	38.25	40.35
9	30.54	30.85	30.60	31.10	28.01	28.61	27.38
10	1.08	1.15	1.09	1.20	0.54	0.59	0.48
NOT STATED	3.87	3.83	3.69	3.97	4.18	4.17	4.20
FIVE MINUTES	100.00	100.00	100.00	100.00	100.00	100.00	100.00
UNDER 6	1.12	0.98	1.13	0.83	2.27	2.53	2.00
6	0.94	0.89	0.98	0.80	1.35	1.46	1.24
7	2.32	2.28	2.44	2.12	2.69	2.78	2.60
8	9.23	9.11	9.28	8.92	10.25	10.25	10.26
9	66.32	66.13	66.15	66.11	67.86	66.67	69.09
10	16.19	16.78	16.32	17.25	11.41	12.10	10.68
NOT STATED	3.87	3.84	3.71	3.97	4.17	4.21	4.13

Source: ISBH-Public Health Statistics

Table 3-10

NUMBER OF LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES, INDIANA, 1986

APGAR SCORE AT FIVE MINUTES	TOTAL	UNDER 6	6	7	8	9	10	NOT STATED
TOTAL	79,269	888	746	1,843	7,317	52,569	12,837	3,069
UNDER 6	5,459	816	639	1,096	1,414	1,398	87	9
6	3,975	10	70	458	1,543	1,792	96	6
7	9,807	17	10	207	2,611	6,613	346	3
8	31,898	29	18	64	1,671	27,806	2,288	22
9	24,209	12	7	15	70	14,925	9,169	11
10	856	0	0	0	0	13	840	3
NOT STATED	3,065	4	2	3	8	22	11	3,015

PERCENTAGE

APGAR SCORE AT FIVE MINUTES	TOTAL	UNDER 6	6	7	8	9	10	NOT STATED
TOTAL	100.00	1.12	0.94	2.32	9.23	66.32	16.19	3.87
UNDER 6	6.89	1.03	0.81	1.38	1.78	1.76	0.11	0.01
6	5.01	0.01	0.09	0.58	1.95	2.26	0.12	0.01
7	12.37	0.02	0.01	0.26	3.29	8.34	0.44	0.00
8	40.24	0.04	0.02	0.08	2.11	35.08	2.89	0.03
9	30.54	0.02	0.01	0.02	0.09	18.83	11.57	0.01
10	1.08	0.00	0.00	0.00	0.00	0.02	1.06	0.00
NOT STATED	3.87	0.01	0.00	0.00	0.01	0.03	0.01	3.80

Source: ISBH-Public Health Statistics

Table 3-11

NUMBER OF LIVE BIRTHS AND PERCENTAGE OF LIVE BIRTHS BY
APGAR SCORE AT ONE MINUTE, BY AGE OF MOTHER, INDIANA, 1986

AGE GROUP	TOTAL	UNDER 6	6	7	8	9	10	NOT STATED
TOTAL	79,269	5,459	3,975	9,807	31,898	24,209	856	3,065
UNDER 15	198	28	16	29	74	43	1	7
15-19	10,917	918	692	1,415	4,284	3,019	119	470
20-24	25,432	1,794	1,314	3,270	10,012	7,748	300	994
25-29	25,531	1,566	1,160	3,117	10,481	8,054	246	907
30-34	13,052	839	577	1,492	5,390	4,123	134	497
35-39	3,619	261	186	429	1,450	1,085	50	158
40-44	467	44	25	51	183	128	6	30
45+	24	5	2	2	8	7	0	0
NOT STATED	29	4	3	2	16	2	0	2

PERCENTAGE

AGE GROUP	TOTAL	UNDER 6	6	7	8	9	10	NOT STATED
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
UNDER 15	0.25	0.51	0.40	0.30	0.23	0.18	0.12	0.23
15-19	13.77	16.82	17.41	14.43	13.43	12.47	13.90	15.33
20-24	32.08	32.86	33.06	33.34	31.39	32.00	35.05	32.43
25-29	32.21	28.69	29.18	31.78	32.86	33.27	28.74	29.59
30-34	16.47	15.37	14.52	15.21	16.90	17.03	15.65	16.22
35-39	4.57	4.78	4.68	4.37	4.55	4.48	5.84	5.15
40-44	0.59	0.81	0.63	0.52	0.57	0.53	0.70	0.98
45+	0.03	0.09	0.05	0.02	0.03	0.03	0.00	0.00
NOT STATED	0.04	0.07	0.08	0.02	0.05	0.01	0.00	0.07

Source: ISBH-Public Health Statistics

Table 3-12

NUMBER OF LIVE BIRTHS BY MARITAL STATUS, BY
RACE, AND MOTHER'S EDUCATION, INDIANA, 1986

ALL RACES		MARITAL STATUS		
EDUCATION (YEARS)	TOTAL	MARRIED	NOT MARRIED	UNKNOWN
0-5	100	76	23	1
6	110	72	37	1
7	247	120	124	3
8	1,959	1,312	614	33
9-11	14,035	7,366	6,535	134
12	36,555	28,960	7,107	488
13-15	13,998	12,267	1,553	178
16+	11,511	11,110	303	98
UNKNOWN	754	401	324	29
TOTAL	79,269	61,684	16,620	965
WHITE		MARITAL STATUS		
EDUCATION (YEARS)	TOTAL	MARRIED	NOT MARRIED	UNKNOWN
0-5	82	65	16	1
6	96	68	27	1
7	207	113	91	3
8	1,836	1,301	502	33
9-11	11,796	7,124	4,553	119
12	32,780	27,771	4,533	476
13-15	12,545	11,520	852	173
16+	10,759	10,488	173	98
UNKNOWN	585	360	203	22
TOTAL	70,686	58,810	10,950	926
NONWHITE		MARITAL STATUS		
EDUCATION (YEARS)	TOTAL	MARRIED	NOT MARRIED	UNKNOWN
0-5	18	11	7	0
6	14	4	10	0
7	40	7	33	0
8	123	11	112	0
9-11	2,239	242	1,982	15
12	3,775	1,189	2,574	12
13-15	1,453	747	701	5
16+	752	622	130	0
UNKNOWN	169	41	121	7
TOTAL	8,583	2,874	5,670	39

Source: ISBH-Public Health Statistics

Table 3-13

NUMBER OF PRENATAL VISITS, BY MOTHER'S EDUCATION, INDIANA, 1986

EDUCATION	NUMBER OF PRENATAL VISITS									
	TOTAL	0	01-02	03-05	06-07	08-10	11-13	14-16	17+	UNKNOWN
0-5	100	2	1	7	10	38	23	10	1	8
06	110	8	7	17	12	31	24	6	3	2
07	247	12	14	29	34	71	48	17	7	15
08	1,959	90	143	339	293	530	323	117	31	93
9-11	14,035	418	425	1,449	1,616	3,979	3,569	1,351	403	825
12	36,555	453	364	1,384	2,432	9,960	13,428	5,491	1,367	1,676
13-15	13,998	120	71	336	676	3,610	5,649	2,429	613	494
16+	11,511	40	22	138	390	2,871	5,004	2,301	481	264
UNKNOWN	754	37	24	43	64	186	168	70	28	134
TOTAL	79,269	1,180	1,071	3,742	5,527	21,276	28,236	11,792	2,934	3,511

Source: ISBH-Public Health Statistics

Table 3-14

NUMBER OF PRENATAL VISITS BY RACE, BY AGE OF MOTHER, INDIANA, 1986

ALL RACES

AGE OF MOTHER	NUMBER OF PRENATAL VISITS									
	TOTAL	0	1-2	3-5	6-7	8-10	11-13	14-16	17+	UNKNOWN
UNDER 15	198	15	10	32	26	47	30	15	2	21
15 - 19	10,917	278	275	998	1,283	3,265	2,761	1,075	291	691
20 - 24	25,432	416	400	1,485	2,045	6,904	8,497	3,519	954	1,212
25 - 29	25,531	261	234	729	1,322	6,612	10,222	4,209	972	970
30 - 34	13,052	145	95	329	628	3,353	5,238	2,268	537	459
35 - 39	3,619	57	45	139	190	959	1,331	623	155	120
40 - 44	467	7	9	25	28	121	149	79	21	28
45+	24	1	2	2	3	8	2	1	2	3
UNK	29	0	1	3	2	7	6	3	0	7
TOTAL	79,269	1,180	1,071	3,742	5,527	21,276	28,236	11,792	2,934	3,511

WHITE

AGE OF MOTHER	NUMBER OF PRENATAL VISITS									
	TOTAL	0	1-2	3-5	6-7	8-10	11-13	14-16	17+	UNK
UNDER 15	103	7	4	15	13	25	20	10	2	7
15 - 19	8,748	179	197	728	969	2,745	2,372	943	259	356
20 - 24	22,589	313	296	1,168	1,719	6,194	7,913	3,320	877	789
25 - 29	23,515	221	185	588	1,139	6,095	9,658	4,012	921	696
30 - 34	11,986	121	78	269	551	3,094	4,934	2,119	499	321
35 - 39	3,282	52	40	116	173	880	1,223	579	140	79
40 - 44	429	6	8	22	27	107	138	77	20	24
45+	20	0	2	2	2	8	1	1	2	2
UNK	14	0	0	1	1	6	3	2	0	1
TOTAL	70,686	899	810	2,909	4,594	19,154	26,262	11,063	2,720	2,275

NONWHITE

AGE OF MOTHER	NUMBER OF PRENATAL VISITS									
	TOTAL	0	1-2	3-5	6-7	8-10	11-13	14-16	17+	UNK
UNDER 15	95	8	6	17	13	22	10	5	0	14
15 - 19	2,151	98	78	266	311	517	386	131	31	333
20 - 24	2,820	101	104	316	326	704	579	197	76	417
25 - 29	1,996	38	47	141	182	513	561	195	50	269
30 - 34	1,056	23	17	60	77	258	300	146	38	137
35 - 39	336	5	5	23	17	79	108	44	15	40
40 - 44	38	1	1	3	1	14	11	2	1	4
45+	4	1	0	0	1	0	1	0	0	1
UNK	15	0	1	2	1	1	3	1	0	6
TOTAL	8,511	275	259	828	929	2,108	1,959	721	211	1,221

Source: ISBH-Public Health Statistics

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
INDIANA	79,269	1,180	7,335	48,119	19,124	3,511
White	70,686	899	5,783	43,801	17,928	2,275
Nonwhite	8,583	281	1,552	4,318	1,196	1,236
HSA 1	29,081	585	2,534	17,113	6,997	1,852
White	25,227	479	2,050	15,370	6,476	852
Nonwhite	3,854	106	484	1,743	521	1,000
1-1	8,990	125	780	4,388	2,255	1,442
White	6,841	99	539	3,678	1,991	534
Nonwhite	2,149	26	241	710	264	908
JASPER	377	2	35	226	93	21
White	377	2	35	226	93	21
Nonwhite	0	0	0	0	0	0
LAKE	6,839	100	644	3,369	1,579	1,147
White	4,702	75	403	2,664	1,319	241
Nonwhite	2,137	25	241	705	260	906
NEWTON	183	3	24	117	31	8
White	182	3	24	116	31	8
Nonwhite	1	0	0	1	0	0
PORTER	1,591	20	77	676	552	266
White	1,580	19	77	672	548	264
Nonwhite	11	1	0	4	4	2
1-2	9,895	105	897	6,617	2,154	122
White	8,953	80	755	5,965	2,036	117
Nonwhite	942	25	142	652	118	5
CASS	535	9	46	364	111	5
White	528	9	46	358	110	5
Nonwhite	7	0	0	6	1	0
ELKHART	2,516	32	311	1,579	582	12
White	2,342	29	282	1,474	547	10
Nonwhite	174	3	29	105	35	2
FULTON	239	2	28	137	57	15
White	236	2	27	135	57	15
Nonwhite	3	0	1	2	0	0
LAPORTE	1,415	15	114	932	336	18
White	1,245	10	86	814	318	17
Nonwhite	170	5	28	118	18	1
MARSHALL	590	3	47	390	126	24
White	585	3	46	386	126	24
Nonwhite	5	0	1	4	0	0
MIAMI	657	5	37	410	179	26
White	633	5	37	391	174	26
Nonwhite	24	0	0	19	5	0
PULASKI	205	3	17	140	41	4
White	202	3	16	138	41	4
Nonwhite	3	0	1	2	0	0

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
ST. JOSEPH	3,466	36	267	2,501	655	7
White	2,910	19	185	2,105	596	5
Nonwhite	556	17	82	396	59	2
STARKE	272	0	30	164	67	11
White	272	0	30	164	67	11
Nonwhite	0	0	0	0	0	0
1-3	10,196	355	857	6,108	2,588	288
White	9,433	300	756	5,727	2,449	201
Nonwhite	763	55	101	381	139	87
ADAMS	532	35	92	301	94	10
White	526	34	91	297	94	10
Nonwhite	6	1	1	4	0	0
ALLEN	4,795	219	282	2,907	1,208	179
White	4,062	167	184	2,541	1,074	96
Nonwhite	733	52	98	366	134	83
DEKALB	490	1	29	297	155	8
White	488	1	29	297	154	7
Nonwhite	2	0	0	0	1	1
HUNTINGTON	485	6	31	296	143	9
White	485	6	31	296	143	9
Nonwhite	0	0	0	0	0	0
KOSCIUSKO	1,065	35	72	653	289	16
White	1,056	35	72	647	287	15
Nonwhite	9	0	0	6	2	1
LAGRANGE	602	8	201	300	86	7
White	599	8	201	297	86	7
Nonwhite	3	0	0	3	0	0
NOBLE	599	21	42	393	133	10
White	597	20	42	392	133	10
Nonwhite	2	1	0	1	0	0
STEUBEN	376	8	35	229	79	25
White	371	7	34	229	78	23
Nonwhite	5	1	1	0	1	2
WABASH	465	8	28	247	172	10
White	463	8	28	246	171	10
Nonwhite	2	0	0	1	1	0
WELLS	390	3	16	228	139	4
White	390	3	16	228	139	4
Nonwhite	0	0	0	0	0	0
WHITLEY	397	11	29	257	90	10
White	396	11	28	257	90	10
Nonwhite	1	0	1	0	0	0
HSA 2	32,108	461	3,229	19,880	7,675	863
White	28,006	297	2,256	17,696	7,088	669
Nonwhite	4,102	164	973	2,184	587	194

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	TOTAL BIRTHS	NUMBER OF PRENATAL VISITS				
		NONE	1-6	7-12	13+	UNKNOWN
2-1	19,534	339	2,149	11,353	5,025	668
White	16,088	189	1,292	9,582	4,538	487
Nonwhite	3,446	150	857	1,771	487	181
BOONE	545	4	34	304	183	20
White	544	4	34	304	182	20
Nonwhite	1	0	0	0	1	0
HAMILTON	1,341	8	53	785	457	38
White	1,324	8	52	775	451	38
Nonwhite	17	0	1	10	6	0
HANCOCK	529	4	21	272	188	44
White	527	4	21	270	188	44
Nonwhite	2	0	0	2	0	0
HENDRICKS	969	8	39	498	398	26
White	964	8	38	496	396	26
Nonwhite	5	0	1	2	2	0
JOHNSON	1,174	8	66	811	272	17
White	1,164	8	65	804	270	17
Nonwhite	10	0	1	7	2	0
MARION	13,663	297	1,827	7,884	3,162	493
White	10,262	147	975	6,138	2,690	312
Nonwhite	3,401	150	852	1,746	472	181
MORGAN	741	5	69	485	165	17
White	739	5	69	484	164	17
Nonwhite	2	0	0	1	1	0
SHELBY	572	5	40	314	200	13
White	564	5	38	311	197	13
Nonwhite	8	0	2	3	3	0
2-2	6,441	62	595	4,139	1,523	122
White	6,048	52	513	3,904	1,463	116
Nonwhite	393	10	82	235	60	6
BLACKFORD	201	1	6	121	64	9
White	199	1	6	119	64	9
Nonwhite	2	0	0	2	0	0
DELAWARE	1,479	10	83	985	390	11
White	1,338	9	63	888	367	11
Nonwhite	141	1	20	97	23	0
FAYETTE	335	4	48	218	55	10
White	328	4	47	214	53	10
Nonwhite	7	0	1	4	2	0
FRANKLIN	257	1	13	155	75	13
White	257	1	13	155	75	13
Nonwhite	0	0	0	0	0	0
HENRY	552	2	33	345	160	12
White	542	2	33	339	157	11
Nonwhite	10	0	0	6	3	1

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
JAY	307	4	31	180	88	4
White	306	4	31	179	88	4
Nonwhite	1	0	0	1	0	0
MADISON	1,696	20	165	1,057	411	43
White	1,532	14	122	976	382	38
Nonwhite	164	6	43	81	29	5
RANDOLPH	337	4	13	215	103	2
White	335	4	13	214	102	2
Nonwhite	2	0	0	1	1	0
RUSH	233	3	14	144	62	10
White	232	3	14	143	62	10
Nonwhite	1	0	0	1	0	0
UNION	74	2	9	36	25	2
White	74	2	9	36	25	2
Nonwhite	0	0	0	0	0	0
WAYNE	970	11	180	683	90	6
White	905	8	162	641	88	6
Nonwhite	65	3	18	42	2	0
2-3	2,408	25	221	1,624	504	34
White	2,240	21	193	1,524	475	27
Nonwhite	168	4	28	100	29	7
GRANT	1,008	12	138	625	216	17
White	911	9	119	575	197	11
Nonwhite	97	3	19	50	19	6
HOWARD	1,202	11	73	872	234	12
White	1,131	10	64	822	224	11
Nonwhite	71	1	9	50	10	1
TIPTON	198	2	10	127	54	5
White	198	2	10	127	54	5
Nonwhite	0	0	0	0	0	0
2-4	3,725	35	264	2,764	623	39
White	3,630	35	258	2,686	612	39
Nonwhite	95	0	6	78	11	0
BENTON	138	3	10	113	12	0
White	138	3	10	113	12	0
Nonwhite	0	0	0	0	0	0
CARROLL	240	4	13	187	34	2
White	240	4	13	187	34	2
Nonwhite	0	0	0	0	0	0
CLINTON	453	4	65	303	60	21
White	452	4	65	302	60	21
Nonwhite	1	0	0	1	0	0
FOUNTAIN	233	2	37	150	43	1
White	233	2	37	150	43	1
Nonwhite	0	0	0	0	0	0

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
MONTGOMERY	455	3	18	321	110	3
White	452	3	17	319	110	3
Nonwhite	3	0	1	2	0	0
TIPPECANOE	1,763	16	93	1,362	288	4
White	1,672	16	88	1,287	277	4
Nonwhite	91	0	5	75	11	0
WARREN	105	3	12	67	20	3
White	105	3	12	67	20	3
Nonwhite	0	0	0	0	0	0
WHITE	338	0	16	261	56	5
White	338	0	16	261	56	5
Nonwhite	0	0	0	0	0	0
HSA 3	18,080	134	1,572	11,126	4,452	796
White	17,453	123	1,477	10,735	4,364	754
Nonwhite	627	11	95	391	88	42
3-1	2,746	10	276	1,825	613	22
White	2,616	10	246	1,739	602	19
Nonwhite	130	0	30	86	11	3
CLAY	338	1	37	233	66	1
White	337	1	37	232	66	1
Nonwhite	1	0	0	1	0	0
PARKE	196	3	16	133	41	3
White	195	3	16	133	40	3
Nonwhite	1	0	0	0	1	0
PUTNAM	345	1	21	184	136	3
White	341	1	20	181	136	3
Nonwhite	4	0	1	3	0	0
SULLIVAN	273	1	14	167	88	3
White	273	1	14	167	88	3
Nonwhite	0	0	0	0	0	0
VERMILLION	191	1	17	119	51	3
White	191	1	17	119	51	3
Nonwhite	0	0	0	0	0	0
VIGO	1,403	3	171	989	231	9
White	1,279	3	142	907	221	6
Nonwhite	124	0	29	82	10	3
3-2	2,299	23	237	1,531	468	40
White	2,233	23	229	1,482	463	36
Nonwhite	66	0	8	49	5	4
GREENE	356	5	24	236	88	3
White	356	5	24	236	88	3
Nonwhite	0	0	0	0	0	0
LAWRENCE	567	10	40	289	214	14
White	562	10	40	287	212	13
Nonwhite	5	0	0	2	2	1

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
MONROE	1,160	6	137	858	138	21
White	1,099	6	129	811	135	18
Nonwhite	61	0	8	47	3	3
OWEN	216	2	36	148	28	2
White	216	2	36	148	28	2
Nonwhite	0	0	0	0	0	0
3-3	3,469	33	224	2,097	972	143
White	3,433	33	222	2,076	959	143
Nonwhite	36	0	2	21	13	0
BARTHOLOMEW	866	10	49	507	286	14
White	851	10	48	500	279	14
Nonwhite	15	0	1	7	7	0
BROWN	173	2	6	132	28	5
White	170	2	6	130	27	5
Nonwhite	3	0	0	2	1	0
DEARBORN	500	1	22	354	91	32
White	492	1	22	349	88	32
Nonwhite	8	0	0	5	3	0
DECATUR	306	0	21	194	87	4
White	306	0	21	194	87	4
Nonwhite	0	0	0	0	0	0
JACKSON	486	3	36	216	193	38
White	485	3	36	215	193	38
Nonwhite	1	0	0	1	0	0
JEFFERSON	343	5	45	214	66	13
White	336	5	44	208	66	13
Nonwhite	7	0	1	6	0	0
JENNINGS	287	4	20	167	83	13
White	285	4	20	167	81	13
Nonwhite	2	0	0	0	2	0
OHIO	62	0	2	42	14	4
White	62	0	2	42	14	4
Nonwhite	0	0	0	0	0	0
RIPLEY	346	6	12	206	112	10
White	346	6	12	206	112	10
Nonwhite	0	0	0	0	0	0
SWITZERLAND	100	2	11	65	12	10
White	100	2	11	65	12	10
Nonwhite	0	0	0	0	0	0
3-4	2,298	15	400	1,397	455	31
White	2,275	14	394	1,383	454	30
Nonwhite	23	1	6	14	1	1
DAVIESS	431	0	135	220	60	16
White	429	0	134	219	60	16
Nonwhite	2	0	1	1	0	0

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
DUBOIS	572	1	119	384	64	4
White	571	1	119	383	64	4
Nonwhite	1	0	0	1	0	0
GIBSON	453	2	24	291	135	1
White	442	2	22	282	135	1
Nonwhite	11	0	2	9	0	0
KNOX	531	6	38	332	149	6
White	523	5	35	330	148	5
Nonwhite	8	1	3	2	1	1
MARTIN	170	4	47	89	26	4
White	170	4	47	89	26	4
Nonwhite	0	0	0	0	0	0
PIKE	141	2	37	81	21	0
White	140	2	37	80	21	0
Nonwhite	1	0	0	1	0	0
3-5	3,347	25	218	1,800	799	505
White	3,243	24	208	1,749	783	479
Nonwhite	104	1	10	51	16	26
CLARK	1,146	5	34	523	229	355
White	1,080	5	30	494	218	333
Nonwhite	66	0	4	29	11	22
CRAWFORD	142	3	14	85	32	8
White	142	3	14	85	32	8
Nonwhite	0	0	0	0	0	0
FLOYD	869	3	44	509	256	57
White	832	2	38	488	251	53
Nonwhite	37	1	6	21	5	4
HARRISON	337	1	16	194	115	11
White	336	1	16	193	115	11
Nonwhite	1	0	0	1	0	0
ORANGE	243	2	27	124	85	5
White	243	2	27	124	85	5
Nonwhite	0	0	0	0	0	0
SCOTT	295	4	49	155	37	50
White	295	4	49	155	37	50
Nonwhite	0	0	0	0	0	0
WASHINGTON	315	7	34	210	45	19
White	315	7	34	210	45	19
Nonwhite	0	0	0	0	0	0
3-6	3,921	28	217	2,476	1,145	55
White	3,653	19	178	2,306	1,103	47
Nonwhite	268	9	39	170	42	8
PERRY	233	0	17	171	42	3
White	232	0	16	171	42	3
Nonwhite	1	0	1	0	0	0

Table 3-15

NUMBER OF PRENATAL VISITS BY HEALTH SERVICE
AREA, SUBAREA, COUNTY, AND RACE, INDIANA, 1986

AREA/RACE	NUMBER OF PRENATAL VISITS					
	TOTAL BIRTHS	NONE	1-6	7-12	13+	UNKNOWN
POSEY	387	1	13	261	108	4
White	382	1	13	256	108	4
Nonwhite	5	0	0	5	0	0
SPENCER	238	2	17	152	63	4
White	238	2	17	152	63	4
Nonwhite	0	0	0	0	0	0
VANDERBURGH	2,414	23	135	1,499	722	35
White	2,161	14	98	1,340	680	29
Nonwhite	253	9	37	159	42	6
WARRICK	649	2	35	393	210	9
White	640	2	34	387	210	7
Nonwhite	9	0	1	6	0	2

Source: ISBH-Public Health Statistics

Table 3-16

NUMBER OF LIVE BIRTHS BY RACE, SEX, PLACE OF DELIVERY
AND ATTENDANT, BY COUNTY, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS					HOSPITAL		NONHOSPITAL		PERCENT HOSPITAL BIRTHS
	TOTAL BIRTHS	WHITE MALE	WHITE FEMALE	NONWHITE MALE	NONWHITE FEMALE	COUNTY OF RESIDENCE	OTHER COUNTY	ATTENDED BY PHYSICIAN	OTHER	
ADAMS	531	266	259	5	1	261	182	57	31	83.4
ALLEN	4,795	2,089	1,973	347	386	4,638	118	7	32	99.2
BARTHOLOMEW	866	426	425	8	7	809	57	0	0	100.0
BENTON	138	71	67	0	0	0	134	2	2	97.1
BLACKFORD	201	107	92	0	2	98	103	0	0	100.0
BOONE	545	277	267	0	1	130	410	3	2	99.1
BROWN	173	85	85	2	1	0	167	1	5	96.5
CARROLL	240	128	112	0	0	0	234	1	5	97.5
CASS	535	268	260	2	5	407	124	2	2	99.3
CLARK	1,146	560	520	31	35	347	788	4	7	99.0
CLAY	338	183	154	1	0	149	187	0	2	99.4
CLINTON	453	235	217	0	1	216	232	1	4	98.9
CRAWFORD	142	69	73	0	0	0	140	1	1	98.6
DAVIESS	431	215	214	1	1	273	156	1	1	99.5
DEARBORN	500	237	255	6	2	224	267	0	9	98.2
DECATUR	306	149	157	0	0	79	226	0	1	99.7
DEKALB	490	230	258	2	0	354	134	0	2	99.6
DELAWARE	1,479	656	682	73	68	1,366	102	3	8	99.3
DUBOIS	572	270	301	1	0	530	41	0	1	99.8
ELKHART	2,516	1,239	1,103	89	85	2,191	252	25	48	97.1
FAYETTE	335	169	159	2	5	203	128	1	3	98.8
FLOYD	869	407	425	14	23	454	413	0	2	99.8
FOUNTAIN	233	117	116	0	0	0	231	1	1	99.1
FRANKLIN	257	119	138	0	0	0	255	2	0	99.2
FULTON	239	116	120	2	1	106	132	1	0	99.6
GIRSON	453	228	214	5	6	172	281	0	0	100.0
GRANT	1,008	448	463	57	40	868	132	0	8	99.2
GREENE	356	183	173	0	0	123	233	0	0	100.0
HAMILTON	1,341	677	647	10	7	373	965	1	2	99.8
HANCOCK	529	281	246	0	2	237	290	1	1	99.6
HARRISON	337	159	177	0	1	149	187	0	1	99.7
HENDRICKS	969	505	459	5	0	269	697	2	1	99.7
HENRY	552	271	271	3	7	339	209	1	3	99.3
HOWARD	1,202	580	551	39	32	1,137	55	4	6	99.2
HUNTINGTON	485	252	233	0	0	300	181	0	4	99.2
JACKSON	486	252	233	0	1	377	107	0	2	99.6
JASPER	377	189	188	0	0	141	234	0	2	99.5
JAY	307	161	145	0	1	173	125	8	1	97.1
JEFFERSON	343	182	154	6	1	252	88	0	3	99.1
JENNINGS	287	150	135	1	1	0	283	0	4	98.6
JOHNSON	1,174	573	591	5	5	457	711	1	5	99.5
KNOX	531	271	252	3	5	460	69	1	1	99.6
KOSCIUSKO	1,065	531	525	3	6	555	468	8	34	96.1
LAGRANGE	602	285	315	0	2	304	250	13	35	92.0
LAKE	6,839	2,389	2,312	1,076	1,062	6,427	382	16	14	99.6
LAPORTE	1,415	630	615	88	82	1,248	164	1	2	99.8
LAWRENCE	567	300	262	3	2	474	90	0	3	99.5

Table 3-16

NUMBER OF LIVE BIRTHS BY RACE, SEX, PLACE OF DELIVERY
AND ATTENDANT, BY COUNTY, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS					HOSPITAL		NONHOSPITAL		PERCENT HOSPITAL BIRTHS
	TOTAL BIRTHS	WHITE MALE	WHITE FEMALE	NONWHITE MALE	NONWHITE FEMALE	COUNTY OF RESIDENCE	OTHER COUNTY	ATTENDED BY PHYSICIAN	OTHER	
MADISON	1,696	800	732	86	78	1,488	201	2	5	99.6
MARION	13,663	5,262	5,000	1,747	1,654	13,339	231	49	44	99.3
MARSHALL	590	277	308	2	3	318	265	2	5	98.8
MARTIN	171	83	88	0	0	0	167	1	3	97.7
MIAMI	656	335	297	16	8	362	292	0	2	99.7
MONROE	1,160	566	533	39	22	1,092	51	2	15	98.5
MONTGOMERY	455	232	220	1	2	312	139	0	4	99.1
MORGAN	741	371	368	1	1	296	435	2	8	98.7
NEWTON	183	93	89	0	1	32	150	0	1	99.5
NOBLE	599	309	288	1	1	272	310	4	13	97.2
OHIO	63	33	30	0	0	0	61	0	2	96.8
ORANGE	242	118	124	0	0	112	128	0	2	99.2
OWEN	216	113	103	0	0	0	214	0	2	99.1
PARKE	196	93	102	1	0	0	196	0	0	100.0
PERRY	233	114	118	0	1	77	156	0	0	100.0
PIKE	141	76	64	1	0	0	141	0	0	100.0
PORTER	1,591	789	791	5	6	1,165	422	1	3	99.7
POSEY	387	196	186	3	2	0	386	0	1	99.7
PULASKI	205	91	111	0	3	137	68	0	0	100.0
PUTNAM	345	170	171	2	2	199	146	0	0	100.0
RANDOLPH	337	178	157	1	1	138	198	0	1	99.7
RIPLEY	346	187	159	0	0	189	150	0	7	98.0
RUSH	233	120	112	0	1	95	135	0	3	98.7
ST. JOSEPH	3,466	1,514	1,396	304	252	3,247	161	7	51	98.3
SCOTT	295	157	138	0	0	96	199	0	0	100.0
SHELBY	572	297	267	3	5	279	290	1	2	99.5
SPENCER	238	115	123	0	0	0	237	1	0	99.6
STARKE	272	147	125	0	0	129	141	1	1	99.3
STEUBEN	376	191	180	2	3	245	128	2	1	99.2
SULLIVAN	273	140	133	0	0	147	125	0	1	99.6
SWITZERLAND	100	43	57	0	0	0	96	0	4	96.0
TIPPECANOE	1,763	881	791	57	34	1,699	36	2	26	98.4
TIPTON	198	100	98	0	0	82	116	0	0	100.0
UNION	74	38	36	0	0	0	73	0	1	98.6
VANDERBURGH	2,414	1,087	1,074	123	130	2,385	22	2	5	99.7
VERMILLION	191	103	88	0	0	67	124	0	0	100.0
VIGO	1,403	648	631	67	57	1,351	46	2	4	99.6
WABASH	465	224	239	0	2	336	123	1	5	98.7
WARREN	105	61	44	0	0	0	105	0	0	100.0
WARRICK	649	352	288	6	3	1	646	0	2	99.7
WASHINGTON	315	156	159	0	0	163	143	0	9	97.1
WAYNE	970	478	427	31	34	886	77	1	6	99.3
WELLS	390	190	200	0	0	310	77	0	3	99.2
WHITE	338	173	165	0	0	164	172	1	1	99.4
WHITLEY	398	209	188	1	0	206	186	0	6	98.5
INDIANA	79,269	36,095	34,591	4,390	4,193	59,086	19,379	254	550	99.0

Source: ISBH-Public Health Statistics

Table 3-17

NUMBER OF LOW WEIGHT INFANTS AND
 RATES* FOR INDIANA AND THE UNITED
 STATES, BY SELECTED YEARS, 1960 - 1986

YEAR	INDIANA		U.S.	
	NUMBER	RATE*	NUMBER	RATE*
1960	7,780	69.0	327,484	76.9
1965	7,203	73.4	311,014	82.7
1970	7,976	80.3	294,478	78.9
1975	6,414	77.8	231,627	73.7
1976	6,391	79.2	229,375	72.4
1977	6,579	77.3	234,884	70.6
1978	4,957	59.5	236,342	70.9
1979	5,276	60.6	241,826	69.2
1980	5,547	62.7	246,292	68.2
1981	5,331	63.0	246,749	68.0
1982	5,356	63.8	248,104	67.4
1983	5,100	63.1	247,668	68.1
1984	5,020	62.8	246,105	67.1
1985	5,181	64.2	253,554	67.4
1986	5,058	63.9	NA	NA

NA = Not Available

* Per 1,000 Live Births

Source: ISBH-Public Health Statistics

Table 3-18

NUMBER OF LIVE BIRTHS, LOW BIRTH WEIGHT INFANTS, AND
RATES* BY RACE, BY COUNTY, INDIANA RESIDENTS, 1986

LOW BIRTH WEIGHT INFANTS

COUNTY	ALL RACES				WHITE				NONWHITE			
	TOTAL	LBW	UNKNOWN	RATE*	TOTAL	LBW	UNKNOWN	RATE*	TOTAL	LBW	UNKNOWN	RATE*
ADAMS	531	34	0	64.0	525	33	0	62.9	6	1	0	166.7
ALLEN	4,795	308	7	64.3	4,062	210	6	51.8	733	98	1	133.9
BARTHOLOMEW	866	57	0	65.8	851	57	0	67.0	15	0	0	0.0
BENTON	138	8	0	58.0	138	8	0	58.0	0	0	0	0.0
BLACKFORD	201	9	2	45.2	199	9	2	45.7	2	0	0	0.0
BOONE	545	21	0	38.5	544	21	0	38.6	1	0	0	0.0
BROWN	173	5	0	28.9	170	5	0	29.4	3	0	0	0.0
CARROLL	240	15	0	62.5	240	15	0	62.5	0	0	0	0.0
CASS	535	37	0	69.2	528	37	0	70.1	7	0	0	0.0
CLARK	1,146	62	2	54.2	1,080	59	2	54.7	66	3	0	45.5
CLAY	338	12	0	35.5	337	12	0	35.6	1	0	0	0.0
CLINTON	453	31	2	68.7	452	31	2	68.9	1	0	0	0.0
CRAWFORD	142	15	0	105.6	142	15	0	105.6	0	0	0	0.0
DAVISS	431	19	0	44.1	429	19	0	44.3	2	0	0	0.0
DEARBORN	500	34	1	68.1	492	34	1	69.2	8	0	0	0.0
DECATUR	306	18	2	59.2	306	18	2	59.2	0	0	0	0.0
DEKALB	490	27	1	55.2	488	27	0	55.3	2	0	1	0.0
DELAWARE	1,479	110	0	74.4	1,338	94	0	70.3	141	16	0	113.5
DUBOIS	572	23	0	40.2	571	23	0	40.3	1	0	0	0.0
ELKHART	2,516	139	0	55.2	2,342	114	0	48.7	174	25	0	143.7
ETAYETTE	335	18	0	53.7	328	18	0	54.9	7	0	0	0.0
FLOYD	869	43	2	49.6	832	41	1	49.3	37	2	1	55.6
FOUNTAIN	233	18	0	77.3	233	18	0	77.3	0	0	0	0.0
FRANKLIN	257	11	0	42.8	257	11	0	42.8	0	0	0	0.0
FULTON	239	16	0	66.9	236	16	0	67.8	3	0	0	0.0
GIBSON	453	23	0	50.8	442	21	0	47.5	11	2	0	181.8
GRANT	1,008	60	1	59.6	911	50	1	54.9	97	10	0	103.1
GREENE	356	15	1	42.3	356	15	1	42.3	0	0	0	0.0
HAMILTON	1,341	74	3	55.3	1,324	72	3	54.5	17	2	0	117.6
HANCOCK	529	20	3	38.0	527	20	3	38.2	2	0	0	0.0
HARRISON	337	21	0	62.3	336	21	0	62.5	1	0	0	0.0
HENDRICKS	969	47	2	48.6	964	46	2	47.8	5	1	0	200.0
HENRY	552	31	3	56.5	542	30	3	55.7	10	1	0	100.0
HOWARD	1,202	87	4	72.6	1,131	79	4	70.1	71	8	0	112.7
HUNTINGTON	485	24	0	49.5	485	24	0	49.5	0	0	0	0.0
JACKSON	486	28	0	57.6	485	28	0	57.7	1	0	0	0.0
JASPER	377	12	2	32.0	377	12	2	32.0	0	0	0	0.0
JAY	307	20	1	65.4	306	20	1	65.6	1	0	0	0.0
JEFFERSON	343	11	0	32.1	336	10	0	29.8	7	1	0	142.9
JENNINGS	287	19	0	66.2	285	19	0	66.7	2	0	0	0.0
JOHNSON	1,174	79	3	67.5	1,164	78	3	67.2	10	1	0	100.0
KNOX	531	24	0	45.2	523	23	0	44.0	8	1	0	125.0
KOSCIUSKO	1,065	51	0	47.9	1,056	51	0	48.3	9	0	0	0.0
LAGRANGE	602	26	2	43.3	600	26	2	43.5	2	0	0	0.0
LAKE	6,839	488	42	71.8	4,701	277	24	59.2	2,138	211	18	99.5
LAPORTE	1,415	98	2	69.4	1,245	82	2	66.0	170	16	0	94.1
LAWRENCE	567	42	1	74.2	562	42	0	74.7	5	0	1	0.0

Table 3-18

NUMBER OF LIVE BIRTHS, LOW BIRTH WEIGHT INFANTS, AND
RATES* BY RACE, BY COUNTY, INDIANA RESIDENTS, 1986

LOW BIRTH WEIGHT INFANTS

COUNTY	ALL RACES				WHITE				NONWHITE			
	TOTAL	LBW	UNKNOWN	RATE*	TOTAL	LBW	UNKNOWN	RATE*	TOTAL	LBW	UNKNOWN	RATE*
MADISON	1,696	121	1	71.4	1,532	102	1	66.6	164	19	0	115.9
MARION	13,663	1,101	39	80.8	10,262	660	32	64.5	3,401	441	7	129.9
MARSHALL	590	29	0	49.2	585	29	0	49.6	5	0	0	0.0
MARTIN	171	13	0	76.0	171	13	0	76.0	0	0	0	0.0
MIAMI	656	32	1	48.9	632	32	1	50.7	24	0	0	0.0
MONROE	1,160	68	2	58.7	1,099	66	2	60.2	61	2	0	32.8
MONTGOMERY	455	25	0	54.9	452	25	0	55.3	3	0	0	0.0
MORGAN	741	50	2	67.7	739	50	2	67.8	2	0	0	0.0
NEWTON	183	12	1	65.9	182	12	1	66.3	1	0	0	0.0
NOBLE	599	25	3	41.9	597	25	3	42.1	2	0	0	0.0
OHIO	63	3	0	47.6	63	3	0	47.6	0	0	0	0.0
ORANGE	242	16	0	66.1	242	16	0	66.1	0	0	0	0.0
OWEN	216	19	1	88.4	216	19	1	88.4	0	0	0	0.0
PARKE	196	13	1	66.7	195	13	1	67.0	1	0	0	0.0
PERRY	233	12	0	51.5	232	12	0	51.7	1	0	0	0.0
PIKE	141	8	0	56.7	140	8	0	57.1	1	0	0	0.0
PORTER	1,591	86	5	54.2	1,580	85	5	54.0	11	1	0	90.9
POSEY	387	20	1	51.8	382	19	1	49.9	5	1	0	200.0
PULASKI	205	15	0	73.2	202	15	0	74.3	3	0	0	0.0
PUTNAM	345	17	0	49.3	341	17	0	49.9	4	0	0	0.0
RANDOLPH	337	19	1	56.5	335	19	1	56.9	2	0	0	0.0
RIPLEY	346	13	2	37.8	346	13	2	37.8	0	0	0	0.0
RUSH	233	10	4	43.7	232	10	4	43.9	1	0	0	0.0
ST. JOSEPH	3,466	235	1	67.8	2,910	162	1	55.7	556	73	0	131.3
SCOTT	295	17	1	57.8	295	17	1	57.8	0	0	0	0.0
SHELBY	572	44	1	77.1	564	41	1	72.8	8	3	0	375.0
SPENCER	238	13	1	54.9	238	13	1	54.9	0	0	0	0.0
STARKE	272	20	0	73.5	272	20	0	73.5	0	0	0	0.0
STEUBEN	376	13	0	34.6	371	13	0	35.0	5	0	0	0.0
SULLIVAN	273	13	0	47.6	273	13	0	47.6	0	0	0	0.0
SWITZERLAND	100	11	0	110.0	100	11	0	110.0	0	0	0	0.0
TIPPECANOE	1,763	88	0	49.9	1,672	80	0	47.8	91	8	0	87.9
TIPTON	198	14	0	70.7	198	14	0	70.7	0	0	0	0.0
UNION	74	5	0	67.6	74	5	0	67.6	0	0	0	0.0
VANDERBURGH	2,414	165	4	68.5	2,161	138	1	63.9	253	27	3	108.0
VERMILLION	191	10	0	52.4	191	10	0	52.4	0	0	0	0.0
VIGO	1,403	96	0	68.4	1,279	85	0	66.5	124	11	0	88.7
WABASH	465	17	0	36.6	463	17	0	36.7	2	0	0	0.0
WARREN	105	7	0	66.7	105	7	0	66.7	0	0	0	0.0
WARRICK	649	35	0	53.9	640	34	0	53.1	9	1	0	111.1
WASHINGTON	315	30	1	95.5	315	30	1	95.5	0	0	0	0.0
WAYNE	970	54	3	55.8	905	45	3	49.9	65	9	0	138.5
WELLS	390	16	2	41.2	390	16	2	41.2	0	0	0	0.0
WHITE	338	18	1	53.4	338	18	1	53.4	0	0	0	0.0
WHITLEY	398	20	0	50.3	397	20	0	50.4	1	0	0	0.0
INDIANA	79,269	5,058	168	63.9	70,686	4,063	136	57.5	8,583	995	32	116.4

* Per 1,000 Live Births of Known Weight

Source: ISBH-Public Health Statistics

Table 3-19

NUMBER OF LOW BIRTH WEIGHT INFANTS AND RATES*
BY RACE AND AGE OF MOTHER, INDIANA, 1986

RACE AND AGE OF MOTHER	TOTAL BIRTHS	LOW BIRTH WEIGHT INFANTS	LOW BIRTH WEIGHT RATES*
TOTAL ALL			
UNDER 15	198	36	181.8
15 - 17	3,807	360	94.6
18 - 19	7,110	582	81.9
20 - 24	25,432	1,674	65.8
25 - 29	25,531	1,397	54.7
30 - 34	13,052	734	56.2
35 - 39	3,619	239	66.0
40 - 44	467	33	70.7
45+	24	3	125.0
UNKNOWN	29	0	0.0
TOTAL	79,269	5,058	63.8
WHITE			
UNDER 15	103	16	155.3
15 - 17	2,832	235	83.0
18 - 19	5,916	436	73.7
20 - 24	22,589	1,372	60.7
25 - 29	23,515	1,149	48.9
30 - 34	11,986	623	52.0
35 - 39	3,282	203	61.9
40 - 44	429	27	62.9
45+	20	2	100.0
UNKNOWN	14	0	0.0
TOTAL	70,686	4,063	57.5
NONWHITE			
UNDER 15	95	20	210.5
15 - 17	975	125	128.2
18 - 19	1,194	146	122.3
20 - 24	2,843	302	106.2
25 - 29	2,016	248	123.0
30 - 34	1,066	111	104.1
35 - 39	337	36	106.8
40 - 44	38	6	157.9
45+	4	1	250.0
UNKNOWN	15	0	0.0
TOTAL	8,583	995	115.9

* Per 1,000 Live Births, Including Unknown Weights
Source: ISBH-Public Health Statistics

Table 3-20

NUMBER OF OUT OF WEDLOCK BIRTHS AND RATES* BY
RACE, BY SELECTED YEARS, INDIANA, 1960 - 1986

YEAR	OUT OF WEDLOCK					
	TOTAL		WHITE		NON-WHITE	
	BIRTHS	RATES*	BIRTHS	RATES*	BIRTHS	RATES*
1960	4,506	40.0	2,652	25.7	1,854	198.3
1965	5,809	59.2	3,688	41.0	2,121	260.6
1966	6,140	64.2	3,884	44.4	2,256	276.0
1967	6,549	70.0	4,154	48.7	2,395	289.1
1968	7,005	76.5	4,345	52.1	2,660	327.3
1969	7,449	79.4	4,697	55.0	2,752	330.7
1970	8,713	87.7	5,301	58.8	3,412	368.3
1971	9,160	95.9	5,297	61.5	3,863	409.7
1972	9,295	106.7	5,113	65.5	4,182	458.6
1973	9,409	112.2	5,226	69.7	4,183	470.1
1974	9,548	113.6	5,073	68.3	4,385	484.2
1975	10,404	126.3	5,645	77.1	4,759	518.1
1976	10,614	131.6	5,933	82.6	4,681	529.2
1977	11,893	139.7	6,744	89.3	5,149	534.2
1978	11,799	141.6	6,773	91.5	5,026	538.1
1979	12,922	148.4	7,474	96.7	5,448	554.6
1980	13,811	156.2	8,240	104.9	5,571	562.6
1981	14,069	166.2	8,520	113.4	5,549	583.1
1982	14,407	171.7	8,836	118.5	5,571	597.1
1983	14,758	182.7	9,054	126.3	5,704	627.3
1984	14,998	187.7	9,329	131.5	5,669	633.3
1985	16,064	198.5	10,435	144.7	5,629	640.2
1986	16,718	210.9	11,030	156.0	5,688	662.7

* Per 1,000 Live Births

Source: ISBH-Public Health Statistics

Table 3-21

NUMBER OF LIVE BIRTHS, OUT OF WEDLOCK BIRTHS, AND
OUT OF WEDLOCK RATES* BY RACE, BY HEALTH SERVICE
AREA, SUBAREA, AND COUNTY, INDIANA RESIDENTS, 1966

AREA /COUNTY	BIRTHS			OUT OF WEDLOCK BIRTHS			OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
INDIANA	79,269	70,686	8,583	16,718	11,030	5,688	210.9	156.0	662.7
HSA 1	29,080	25,226	3,854	6,364	3,712	2,652	218.8	147.1	688.1
1-1	8,990	6,840	2,150	2,620	1,099	1,521	291.4	160.7	707.4
JASPER	377	377	0	42	42	0	111.4	111.4	0.0
LAKE	6,839	4,701	2,138	2,355	835	1,520	344.3	177.6	710.9
NEWTON	183	182	1	27	27	0	147.5	148.4	0.0
PORTER	1,591	1,580	11	196	195	1	123.2	123.4	90.9
1-2	9,894	8,952	942	2,019	1,382	637	204.1	154.4	676.2
CASS	535	528	7	91	88	3	170.1	166.7	428.6
ELKHART	2,516	2,342	174	457	335	122	181.6	143.0	701.1
FULTON	239	236	3	34	34	0	142.3	144.1	0.0
LAPORTE	1,415	1,245	170	336	206	130	237.5	165.5	764.7
MARSHALL	590	585	5	71	70	1	120.3	119.7	200.0
MIAMI	656	632	24	76	73	3	115.9	115.5	125.0
PULASKI	205	202	3	32	30	2	156.1	148.5	666.7
ST. JOSEPH	3,466	2,910	556	862	486	376	248.7	167.0	676.3
STARKE	272	272	0	60	60	0	220.6	220.6	0.0
1-3	10,196	9,434	762	1,725	1,231	494	169.2	130.5	648.3
ADAMS	531	525	6	47	46	1	88.5	87.6	166.7
ALLEN	4,795	4,062	733	1,076	585	491	224.4	144.0	669.8
DEKALB	490	488	2	64	64	0	130.6	131.1	0.0
HUNTINGTON	485	485	0	57	57	0	117.5	117.5	0.0
KOSCIUSKO	1,065	1,056	9	114	113	1	107.0	107.0	111.1
LAGRANGE	602	600	2	50	49	1	83.1	81.7	500.0
NOBLE	599	597	2	92	92	0	153.6	154.1	0.0
STEBEN	376	371	5	53	53	0	141.0	142.9	0.0
WABASH	465	463	2	77	77	0	165.6	166.3	0.0
WELLS	390	390	0	43	43	0	110.3	110.3	0.0
WHITLEY	398	397	1	52	52	0	130.7	131.0	0.0
HSA 2	32,108	28,006	4,102	7,487	4,773	2,714	233.2	170.4	661.6
2-1	19,534	16,088	3,446	4,938	2,604	2,334	252.8	161.9	677.3
BOONE	545	544	1	44	44	0	80.7	80.9	0.0
HAMILTON	1,341	1,324	17	106	103	3	79.0	77.8	176.5
HANCOCK	529	527	2	60	60	0	113.4	113.9	0.0
HENDRICKS	969	964	5	101	101	0	104.2	104.8	0.0
JOHNSON	1,174	1,164	10	168	166	2	143.1	142.6	200.0
MARION	13,663	10,262	3,401	4,267	1,944	2,323	312.3	189.4	683.0
MORGAN	741	739	2	111	111	0	149.8	150.2	0.0
SHELBY	572	564	8	81	75	6	141.6	133.0	750.0

Table 3-21

NUMBER OF LIVE BIRTHS, OUT OF WEDLOCK BIRTHS, AND
OUT OF WEDLOCK RATES* BY RACE, BY HEALTH SERVICE
AREA, SUBAREA, AND COUNTY, INDIANA RESIDENTS, 1986

AREA /COUNTY	BIRTHS			OUT OF WEDLOCK BIRTHS			OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
2-2	6,441	6,048	393	1,429	1,172	257	221.9	193.8	653.9
BLACKFORD	201	199	2	32	31	1	159.2	155.8	500.0
DELAWARE	1,479	1,338	141	356	265	91	240.7	198.1	645.4
FAYETTE	335	328	7	66	64	2	197.0	195.1	285.7
FRANKLIN	257	257	0	28	28	0	108.9	108.9	0.0
HENRY	552	542	10	104	101	3	188.4	186.3	300.0
JAY	307	306	1	43	43	0	140.1	140.5	0.0
MADISON	1,696	1,532	164	465	352	113	274.2	229.8	689.0
RANDOLPH	337	335	2	31	31	0	92.0	92.5	0.0
RUSH	233	232	1	29	29	0	124.5	125.0	0.0
UNION	74	74	0	6	6	0	81.1	81.1	0.0
WAYNE	970	905	65	269	222	47	277.3	245.3	723.1
2-3	2,408	2,240	168	614	501	113	255.0	223.7	672.6
GRANT	1,008	911	97	312	242	70	309.5	265.6	721.6
HOWARD	1,202	1,131	71	273	230	43	227.1	203.4	605.6
TIPTON	198	198	0	29	29	0	146.5	146.5	0.0
2-4	3,725	3,630	95	506	496	10	135.8	136.6	105.3
BENTON	138	138	0	22	22	0	159.4	159.4	0.0
CARROLL	240	240	0	23	23	0	95.8	95.8	0.0
CLINTON	453	452	1	74	74	0	163.4	163.7	0.0
FOUNTAIN	233	233	0	35	35	0	150.2	150.2	0.0
MONTGOMERY	455	452	3	60	59	1	131.9	130.5	333.3
TIPPECANOE	1,763	1,672	91	233	224	9	132.2	134.0	98.9
WARREN	105	105	0	15	15	0	142.9	142.9	0.0
WHITE	338	338	0	44	44	0	130.2	130.2	0.0
HSA 3	18,081	17,454	627	2,867	2,545	322	158.6	145.8	513.6
3-1	2,746	2,616	130	440	393	47	160.2	150.2	361.5
CLAY	338	337	1	41	41	0	121.3	121.7	0.0
PARKE	196	195	1	29	29	0	148.0	148.7	0.0
PUTNAM	345	341	4	42	41	1	121.7	120.2	250.0
SULLIVAN	273	273	0	22	22	0	80.6	80.6	0.0
VERMILLION	191	191	0	39	39	0	204.2	204.2	0.0
VIGO	1,403	1,279	124	267	221	46	190.3	172.8	371.0
3-2	2,299	2,233	66	341	334	7	148.3	149.6	106.1
GREENE	356	356	0	60	60	0	168.5	168.5	0.0
LAWRENCE	567	562	5	82	81	1	144.6	144.1	200.0
MONROE	1,160	1,099	61	164	158	6	141.4	143.8	98.4
OWEN	216	216	0	35	35	0	162.0	162.0	0.0
3-3	3,470	3,434	36	522	510	12	150.4	148.5	333.3
BARTHOLOMEW	866	851	15	155	150	5	179.0	176.3	333.3
BROWN	173	170	3	17	16	1	98.3	94.1	333.3
DEARBORN	500	492	8	69	66	3	138.0	134.1	375.0
DECATUR	306	306	0	44	44	0	143.8	143.8	0.0
JACKSON	486	485	1	70	70	0	144.0	144.3	0.0

Table 3-21

NUMBER OF LIVE BIRTHS, OUT OF WEDLOCK BIRTHS, AND
OUT OF WEDLOCK RATES* BY RACE, BY HEALTH SERVICE
AREA, SUBAREA, AND COUNTY, INDIANA RESIDENTS, 1986

AREA /COUNTY	BIRTHS			OUT OF WEDLOCK BIRTHS			OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
JEFFERSON	343	336	7	63	60	3	183.7	178.6	428.6
JENNINGS	287	285	2	43	43	0	149.8	150.9	0.0
OHIO	63	63	0	7	7	0	111.1	111.1	0.0
RIPLEY	346	346	0	35	35	0	101.2	101.2	0.0
SWITZERLAND	100	100	0	19	19	0	190.0	190.0	0.0
3-4	2,299	2,276	23	251	242	9	109.2	106.3	391.3
DAVISS	431	429	2	48	47	1	111.4	109.6	500.0
DUBOIS	572	571	1	39	39	0	68.2	68.3	0.0
GIBSON	453	442	11	57	52	5	125.8	117.6	454.5
KNOX	531	523	8	78	75	3	146.9	143.4	375.0
MARTIN	171	171	0	17	17	0	99.4	99.4	0.0
PIKE	141	140	1	12	12	0	85.1	85.7	0.0
3-5	3,346	3,242	104	623	562	61	186.2	173.3	586.5
CLARK	1,146	1,080	66	225	185	40	196.3	171.3	606.1
CRAWFORD	142	142	0	22	22	0	154.9	154.9	0.0
FLOYD	869	832	37	191	170	21	219.8	204.3	567.6
HARRISON	337	336	1	60	60	0	178.0	178.6	0.0
ORANGE	242	242	0	26	26	0	107.4	107.4	0.0
SCOTT	295	295	0	52	52	0	176.3	176.3	0.0
WASHINGTON	315	315	0	47	47	0	149.2	149.2	0.0
3-6	3,921	3,653	268	690	504	186	176.0	138.0	694.0
PERRY	233	232	1	28	27	1	120.2	116.4	1,000.0
POSEY	387	382	5	44	42	2	113.7	109.9	400.0
SPENCER	238	238	0	14	14	0	58.8	58.8	0.0
VANDEBURGH	2,414	2,161	253	533	350	183	220.8	162.0	723.3
WARRICK	649	640	9	71	71	0	109.4	110.9	0.0

* Per 1,000 Live Births

Source: ISBH-Public Health Statistics

Table 3-22

NUMBER OF LIVE BIRTHS, OUT OF WEDLOCK BIRTHS, AND OUT OF
WEDLOCK RATES* BY RACE, BY AGE OF MOTHER, INDIANA, 1986

AGE OF MOTHER	TOTAL BIRTHS			OUT OF WEDLOCK BIRTHS			OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
UNDER 15	198	103	95	189	94	95	954.5	912.6	1,000.0
15 - 17	3,807	2,832	975	2,802	1,850	952	736.0	653.2	976.4
18 - 19	7,110	5,916	1,194	3,585	2,485	1,100	504.2	420.0	921.3
20 - 24	25,432	22,589	2,843	6,075	4,005	2,070	238.9	177.3	728.1
25 - 29	25,531	23,515	2,016	2,650	1,708	942	103.8	72.6	467.3
30 - 34	13,052	11,986	1,066	1,047	639	408	80.2	53.3	382.7
35 - 39	3,619	3,282	337	304	210	94	84.0	64.0	278.9
40 - 44	467	429	38	51	35	16	109.2	81.6	421.1
45+	24	20	4	3	3	0	125.0	150.0	0.0
UNKNOWN	29	14	15	12	1	11	413.8	71.4	733.3
TOTAL	79,269	70,686	8,583	16,718	11,030	5,688	210.9	156.0	662.7

* Per 1,000 Live Births

Source: ISBH-Public Health Statistics

Table 3-23

OUT OF WEDLOCK RATES* BY RACE, BY AGE OF MOTHER, INDIANA, 1980 - 1986

1980	OUT OF WEDLOCK RATES*			1981	OUT OF WEDLOCK RATES*			1982	OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE		TOTAL	WHITE	NONWHITE		TOTAL	WHITE	NONWHITE
UNDER 15	903.2	827.3	981.3	UNDER 15	906.7	852.9	967.0	UNDER 15	885.4	838.7	970.6
15-17	535.0	426.6	945.6	15-17	584.6	481.4	958.4	15-17	602.9	505.8	963.6
18-19	325.1	232.5	822.6	18-19	365.3	270.4	871.9	18-19	381.4	288.9	867.5
20-24	150.0	99.5	565.6	20-24	168.6	112.2	617.8	20-24	178.9	119.3	640.6
25-29	70.6	42.6	360.4	25-29	72.1	46.1	350.3	25-29	80.5	51.8	391.6
30-34	54.9	35.1	261.0	30-34	61.3	37.3	294.6	30-34	61.9	39.1	296.0
35-39	75.1	57.6	223.0	35-39	80.7	58.8	271.1	35-39	80.6	55.2	300.0
40-44	101.4	89.1	196.1	40-44	126.4	87.7	344.3	40-44	111.8	83.7	340.0
45+	80.0	87.0	0.0	45+	66.7	0.0	200.0	45+	260.9	238.1	500.0
UNKNOWN	264.7	185.2	571.4	UNKNOWN	355.6	142.9	705.9	UNKNOWN	346.2	200.0	833.3
TOTAL	156.2	104.9	562.6	TOTAL	166.2	113.4	583.1	TOTAL	171.7	118.5	597.1

1983	OUT OF WEDLOCK RATES*			1984	OUT OF WEDLOCK RATES*			1985	OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE		TOTAL	WHITE	NONWHITE		TOTAL	WHITE	NONWHITE
UNDER 15	942.1	906.3	978.7	UNDER 15	973.0	943.1	1000.0	UNDER 15	943.8	908.2	987.3
15-17	648.4	551.5	966.4	15-17	658.2	561.8	960.8	15-17	722.3	636.6	980.6
18-19	402.1	309.8	886.5	18-19	440.4	350.1	907.1	18-19	463.5	380.7	881.4
20-24	196.0	131.6	690.5	20-24	203.1	140.0	688.9	20-24	215.5	157.3	692.4
25-29	83.9	53.2	408.8	25-29	94.2	60.2	449.8	25-29	97.2	65.1	457.8
30-34	64.0	42.3	305.9	30-34	69.0	45.0	329.2	30-34	78.1	51.3	370.3
35-39	86.6	57.4	329.1	35-39	84.3	58.6	322.6	35-39	84.3	61.5	299.1
40-44	120.8	88.6	365.4	40-44	98.8	87.1	222.2	40-44	120.6	83.3	355.9
45+	100.0	117.6	0.0	45+	200.0	52.6	666.7	45+	83.3	0.0	1000.0
UNKNOWN	500.0	230.8	888.9	UNKNOWN	392.9	176.5	727.3	UNKNOWN	351.4	166.7	692.3
TOTAL	182.7	126.3	627.3	TOTAL	187.7	131.5	633.3	TOTAL	198.5	144.7	640.2

1986	OUT OF WEDLOCK RATES*			1980-86	OUT OF WEDLOCK RATES*		
	TOTAL	WHITE	NONWHITE		TOTAL	WHITE	NONWHITE
UNDER 15	954.5	912.6	1000.0	UNDER 15	929.0	881.2	984.1
15-17	736.0	653.2	976.4	15-17	633.7	535.4	964.2
18-19	504.2	420.0	921.3	18-19	405.9	315.3	877.3
20-24	238.9	177.3	728.1	20-24	190.9	132.0	657.2
25-29	103.8	72.6	467.3	25-29	86.0	55.9	411.0
30-34	80.2	53.3	382.7	30-34	67.5	43.7	320.8
35-39	84.0	64.0	278.9	35-39	82.5	59.3	290.4
40-44	109.2	81.6	421.1	40-44	112.4	85.8	322.8
45+	125.0	150.0	0.0	45+	138.9	107.4	304.3
UNKNOWN	413.8	71.4	733.3	UNKNOWN	366.5	167.8	730.8
TOTAL	210.9	156.0	662.7	TOTAL	181.4	127.4	613.7

* Per 1,000 Live Births

Source: ISBH-Public Health Statistics

Table 3-24

FERTILITY RATES* BY AGE, BY SELECTED YEARS, INDIANA, 1960 - 1986

YEAR	TOTAL FERTILITY RATES*	GENERAL FERTILITY RATES	AGES 10-14	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+
1960	3,685.7	120.76	0.55	99.86	270.17	190.00	107.14	53.74	14.78	0.89
1965	2,934.1	98.08	0.54	79.08	210.43	156.21	85.77	41.79	12.16	0.84
1970	2,532.3	91.22	0.94	75.62	180.70	143.24	68.19	29.69	7.63	0.44
1975	1,828.0	69.02	1.13	63.44	120.88	111.75	46.88	16.94	4.32	0.25
1976	1,757.7	66.32	1.18	59.51	115.95	109.80	46.07	15.02	3.83	0.17
1977	1,864.6	70.08	1.16	61.43	122.63	115.50	52.57	15.75	3.70	0.18
1978	1,785.9	67.26	1.11	56.66	117.08	109.82	53.14	15.59	3.54	0.23
1979	1,833.9	69.03	1.09	58.00	121.64	111.70	55.64	15.21	3.25	0.24
1980	1,839.3	69.12	0.98	57.43	123.37	112.94	54.32	15.54	3.10	0.18
1981	1,772.6	66.08	0.89	52.63	117.12	111.34	54.51	15.01	2.91	0.11
1982	1,739.5	64.69	0.86	51.47	112.82	110.20	53.38	15.96	3.04	0.17
1983	1,697.5	62.47	0.87	51.66	107.01	107.38	54.01	15.56	2.86	0.15
1984	1,694.4	61.55	0.88	47.58	104.98	110.81	55.59	16.26	2.60	0.18
1985	1,715.0	61.86	0.86	49.47	104.57	111.52	56.86	17.00	2.62	0.09
1986	1,701.9	60.67	0.99	48.29	102.34	110.13	58.58	17.06	2.83	0.16

* Per 1,000 Women

Source: ISRH-Public Health Statistics

Table 3-25

FERTILITY RATES* BY AGE, BY COUNTY OF RESIDENCE, INDIANA, 1986

COUNTY	TOTAL	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44
ADAMS	82.1	37.8	145.7	171.0	80.9	37.0	4.5
ALLEN	67.1	50.8	108.9	118.1	69.0	23.1	3.8
BARTHOLOMEW	54.5	44.9	121.4	100.0	43.3	12.1	1.3
BENTON	72.3	47.6	155.9	150.0	64.5	23.3	6.7
BLACKFORD	60.9	68.9	127.9	110.0	37.5	7.3	0.0
BOONE	59.5	29.5	111.8	128.1	68.9	18.9	4.9
BROWN	56.5	30.0	83.0	120.8	80.7	22.0	4.3
CARROLL	59.6	34.2	127.0	119.4	60.3	13.4	1.7
CASS	60.5	46.1	115.6	128.7	43.6	14.3	2.4
CLARK	51.9	47.2	99.7	91.3	43.6	12.7	1.7
CLAY	66.0	57.8	140.4	112.6	56.0	12.0	2.8
CLINTON	67.9	45.7	148.2	134.5	52.1	11.9	2.1
CRAWFORD	61.7	97.5	134.1	47.5	47.4	19.4	0.0
DAVIESS	73.8	52.9	126.7	152.6	56.6	35.7	3.8
DEARBORN	59.3	34.0	113.3	110.3	65.6	22.1	3.4
DECATUR	59.2	44.1	122.7	96.8	54.9	16.0	2.9
DEKALB	63.8	40.0	123.6	135.3	52.6	18.1	3.7
DELAWARE	47.4	33.3	53.8	120.9	66.3	13.3	3.1
DUBOIS	69.2	31.3	101.9	160.3	64.8	23.4	2.9
ELKHART	71.9	59.1	147.2	126.6	60.5	16.0	3.4
FAYETTE	53.9	67.0	113.3	84.6	36.5	12.6	0.0
FLOYD	57.4	56.3	103.5	110.0	51.1	12.9	2.8
FOUNTAIN	58.0	40.0	122.9	115.9	47.1	9.1	0.0
FRANKLIN	56.9	40.7	101.3	141.4	37.7	13.7	1.6
FULTON	62.9	46.0	135.4	118.2	45.8	16.7	1.9
GIBSON	64.1	33.9	135.2	130.2	49.2	15.9	0.0
GRANT	56.6	68.3	93.7	92.2	42.8	11.3	1.7
GREENE	54.4	58.3	119.3	91.7	29.8	15.5	1.1
HAMILTON	56.7	18.1	77.2	130.5	93.1	23.1	3.1
HANCOCK	47.3	29.1	89.6	112.2	54.4	12.9	2.2
HARRISON	48.3	32.5	99.2	83.5	47.2	15.0	1.0
HENDRICKS	53.5	28.6	97.0	154.3	53.2	12.3	3.4
HENRY	48.0	43.3	99.5	86.6	42.3	6.3	1.2
HOWARD	58.6	57.1	112.8	102.2	50.8	12.1	1.4
HUNTINGTON	62.3	43.1	108.8	125.9	54.3	14.8	1.9
JACKSON	58.2	42.7	128.7	106.6	43.2	8.0	3.5
JASPER	58.6	41.7	105.3	111.6	45.6	12.6	0.0
JAY	65.5	51.1	130.0	108.1	64.9	20.0	0.0
JEFFERSON	48.6	44.3	80.6	83.3	47.7	10.8	2.1
JENNINGS	51.4	49.0	110.6	86.0	38.9	4.4	1.3
JOHNSON	54.7	40.9	103.8	106.7	49.6	18.4	1.0
KNOX	59.6	41.3	96.0	138.2	41.0	11.0	2.5
KOSCIUSKO	71.3	46.6	138.6	133.7	54.7	18.1	4.2
LAGRANGE	96.8	37.0	190.6	179.8	93.2	36.8	12.8
LAKE	60.7	50.5	97.1	107.2	61.9	19.5	3.8
LAPORTE	60.0	48.4	114.4	108.1	54.5	18.3	1.2
LAWRENCE	59.2	52.6	124.0	109.6	42.4	15.7	0.0

Table 3-25

FERTILITY RATES* BY AGE, BY COUNTY OF RESIDENCE, INDIANA, 1986

COUNTY	TOTAL	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44
MADISON	55.7	54.9	109.3	86.4	49.7	13.1	1.7
MARION	71.3	81.0	122.6	102.5	61.0	20.6	2.6
MARSHALL	64.9	38.0	140.5	113.9	59.3	17.4	3.2
MARTIN	73.1	50.0	171.8	125.0	51.2	31.7	6.1
MIAMI	74.9	61.0	171.3	115.5	49.0	17.6	4.5
MONROE	38.5	22.3	28.8	84.3	73.1	27.8	3.4
MONTGOMERY	61.1	32.0	124.4	118.8	56.1	21.6	3.7
MORGAN	58.9	45.0	133.8	109.3	53.2	16.4	0.5
NEWTON	57.4	34.5	123.6	101.9	55.9	13.5	0.0
NOBLE	70.8	63.4	136.6	124.8	58.4	15.9	2.7
OHIO	53.8	60.0	60.9	100.0	76.5	11.1	0.0
ORANGE	59.6	56.7	117.1	104.2	40.3	25.0	1.8
OWEN	58.9	50.7	140.3	96.3	42.2	17.5	5.7
PARKE	59.8	41.4	113.6	138.0	48.2	12.5	4.1
PERRY	58.5	41.1	102.6	115.2	52.2	20.6	1.9
PIKE	49.3	48.0	88.9	81.3	44.9	13.3	2.5
PORTER	50.0	30.3	70.4	95.6	60.4	18.7	4.6
POSEY	62.8	34.0	130.5	129.6	49.6	15.2	3.6
PULASKI	78.8	52.1	192.7	122.2	77.6	20.0	0.0
PUTNAM	50.6	41.1	62.9	95.1	63.6	19.8	0.0
RANDOLPH	53.6	27.8	109.7	108.8	52.9	12.6	2.2
RIPLEY	62.3	36.0	119.6	124.4	69.9	11.4	2.7
RUSH	57.8	35.7	120.8	137.3	31.3	18.5	1.8
SCOTT	62.1	50.9	132.2	85.4	38.6	18.9	3.7
SHELBY	61.2	64.8	120.1	125.3	47.2	15.6	6.1
SPENCER	62.6	54.6	108.3	130.6	37.2	13.2	3.9
STARKE	56.7	35.6	120.0	93.6	26.2	16.2	3.5
STEBEN	57.0	67.8	129.1	113.2	51.5	13.7	1.5
ST. JOSEPH	63.6	47.1	93.6	107.5	64.3	21.6	2.5
SULLIVAN	62.6	55.8	142.7	105.7	47.3	16.0	1.5
SWITZERLAND	65.8	48.4	163.0	136.4	30.4	12.0	0.0
TIPPECANOE	52.1	24.0	46.6	128.1	90.3	22.7	2.0
TIPTON	54.4	51.6	88.7	110.2	54.0	14.5	3.7
UNION	49.7	46.2	96.3	87.5	48.0	12.0	0.0
VANDERBURGH	63.9	61.9	98.3	104.7	65.9	14.7	2.8
VERMILLION	49.5	36.2	103.0	111.3	37.3	4.5	0.0
VIGO	54.8	32.2	68.4	134.5	67.1	18.7	3.1
WABASH	58.4	47.2	100.0	90.0	71.1	10.1	1.9
WARREN	59.0	58.8	125.9	115.4	50.0	15.6	0.0
WARRICK	56.5	30.4	105.3	122.3	62.6	18.1	2.9
WASHINGTON	62.9	54.4	109.9	119.8	57.3	18.1	1.4
WAYNE	60.0	69.3	119.4	92.4	42.5	11.3	2.6
WELLS	70.3	50.0	130.1	160.4	52.0	11.1	2.5
WHITE	67.9	42.5	134.2	144.2	65.3	9.6	1.5
WHITLEY	66.4	44.5	116.7	150.0	64.8	18.7	3.7
INDIANA	60.7	48.3	102.3	110.1	58.6	17.1	2.8

* Per 1,000 Women

Source: ISBH-Public Health Statistics

Table 3-26

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA RESIDENTS, 1986

COUNTY	TOTAL	AGES UNDER 15	AGES 15-19	% TEENS	12 AND UNDER	AGE 13	AGE 14	AGE 15	AGE 16	AGE 17
ADAMS	531	0	46	8.5	0	0	0	4	6	7
ALLEN	4,795	11	575	12.2	1	1	9	26	78	117
BARTHOLOMEW	866	0	118	13.6	0	0	0	4	9	28
BENTON	138	0	20	14.5	0	0	0	2	1	2
BLACKFORD	201	0	42	20.9	0	0	0	1	4	6
BOONE	545	1	46	8.6	0	1	0	1	7	6
BROWN	173	0	15	8.7	0	0	0	0	4	2
CARROLL	240	1	25	10.8	0	0	1	1	2	6
CASS	535	2	70	13.5	0	0	2	4	9	15
CLARK	1,146	4	166	14.8	0	0	4	6	20	24
CLAY	338	0	52	15.4	0	0	0	2	3	12
CLINTON	453	0	53	11.7	0	0	0	1	3	6
CRAWFORD	142	0	39	27.5	0	0	0	4	3	4
DAVISS	431	1	54	12.8	0	1	0	6	5	9
DEARBORN	500	1	53	10.8	0	1	0	0	10	10
DECATUR	306	0	41	13.4	0	0	0	2	6	6
DEKALB	490	0	54	11.0	0	0	0	1	2	13
DELAWARE	1,479	2	245	16.7	0	0	2	15	39	42
DUBOIS	572	0	47	8.2	0	0	0	1	4	10
ELKHART	2,516	4	347	14.0	1	0	3	18	42	63
FAYETTE	335	0	73	21.8	0	0	0	5	3	17
FLOYD	869	4	143	16.9	0	0	4	6	16	30
FOUNTAIN	233	0	28	12.0	0	0	0	0	1	3
FRANKLIN	257	0	37	14.4	0	0	0	1	4	10
FULTON	239	0	29	12.1	0	0	0	2	2	5
GIBSON	453	0	41	9.1	0	0	0	1	4	12
GRANT	1,008	1	218	21.7	0	0	1	11	23	37
GREENE	356	2	67	19.4	0	0	2	3	1	13
HAMILTON	1,341	0	77	5.7	0	0	0	3	7	13
HANCOCK	529	0	60	11.3	0	0	0	4	7	16
HARRISON	337	1	41	12.5	0	0	1	1	4	4
HENDRICKS	969	0	88	9.1	0	0	0	2	13	15
HENRY	552	0	90	16.3	0	0	0	3	9	12
HOWARD	1,202	0	197	16.4	0	0	0	9	26	32
HUNTINGTON	485	1	59	12.4	0	0	1	1	8	11
JACKSON	486	2	61	13.0	0	1	1	2	9	13
JASPER	377	2	50	13.8	0	0	2	0	0	9
JAY	307	1	46	15.3	0	0	1	2	7	7
JEFFERSON	343	2	54	16.3	0	0	2	4	2	12
JENNINGS	287	1	49	17.4	0	0	1	3	4	7
JOHNSON	1,174	1	147	12.6	0	0	1	5	15	29
KNOX	531	1	62	11.9	0	0	1	4	6	11
KOSCIUSKO	1,065	2	110	10.5	0	1	1	6	8	11

Table 3-26

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA RESIDENTS, 1986

COUNTY	AGE 18	AGE 19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
ADAMS	8	21	168	183	89	40	4	1	0
ALLEN	164	190	1,377	1,617	908	268	35	3	1
BARTHOLOMEW	37	40	312	276	123	33	3	1	0
BENTON	3	12	53	36	20	7	2	0	0
BLACKFORD	19	12	78	55	21	4	0	1	0
BOONE	10	22	171	178	111	31	7	0	0
BROWN	4	5	39	58	46	13	2	0	0
CARROLL	5	11	80	80	44	9	1	0	0
CASS	16	26	178	193	68	21	3	0	0
CLARK	65	51	378	366	180	47	5	0	0
CLAY	10	25	125	98	51	10	2	0	0
CLINTON	10	33	166	156	63	13	2	0	0
CRAWFORD	11	17	59	19	18	7	0	0	0
DAVIESS	16	18	133	145	60	35	3	0	0
DEARBORN	10	23	162	150	99	31	4	0	0
DECATUR	10	17	108	92	50	13	2	0	0
DEKALB	19	19	157	180	72	23	4	0	0
DELAWARE	65	84	520	446	203	52	11	0	0
DUBOIS	15	17	157	242	94	29	3	0	0
ELKHART	95	129	876	795	384	93	16	0	1
FAYETTE	19	29	119	88	42	13	0	0	0
FLOYD	40	51	268	276	138	34	6	0	0
FOUNTAIN	10	14	86	80	33	6	0	0	0
FRANKLIN	10	12	81	99	29	10	1	0	0
FULTON	8	12	88	78	33	10	1	0	0
GIBSON	16	8	169	164	61	18	0	0	0
GRANT	58	89	343	296	116	30	4	0	0
GREENE	23	27	136	99	34	17	1	0	0
HAMILTON	22	32	277	492	378	105	12	0	0
HANCOCK	15	18	164	175	99	27	4	0	0
HARRISON	17	15	121	96	59	17	1	0	1
HENDRICKS	21	37	260	392	175	44	10	0	0
HENRY	32	34	203	161	83	12	2	1	0
HOWARD	54	76	404	371	183	41	4	2	0
HUNTINGTON	11	28	160	175	70	18	2	0	0
JACKSON	16	21	184	161	63	11	4	0	0
JASPER	17	24	140	125	47	12	0	1	0
JAY	13	17	117	80	48	15	0	0	0
JEFFERSON	18	18	116	105	52	12	2	0	0
JENNINGS	11	24	115	80	37	4	1	0	0
JOHNSON	47	51	386	382	186	69	3	0	0
KNOX	16	25	194	199	57	15	3	0	0
KOSCIUSKO	39	46	370	381	151	43	8	0	0

Table 3-26

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA RESIDENTS, 1986

COUNTY	TOTAL	AGES UNDER 15	AGES 15-19	% TEENS	12 AND UNDER	AGE 13	AGE 14	AGE 15	AGE 16	AGE 17
LAGRANGE	602	0	47	7.8	0	0	0	3	4	6
LAKE	6,839	29	987	14.9	0	9	20	61	124	201
LAPORTE	1,415	1	194	13.8	0	1	0	9	10	39
LAWRENCE	567	1	90	16.0	0	0	1	7	13	15
MADISON	1,696	4	290	17.3	0	2	2	14	30	61
MARION	13,663	66	2,185	16.5	1	11	54	141	279	393
MARSHALL	590	1	62	10.7	0	0	1	0	6	20
MARTIN	171	1	22	13.5	0	0	1	3	1	3
MIAMI	656	0	86	13.1	0	0	0	2	5	9
MONROE	1,160	0	125	10.8	0	0	0	5	12	24
MONTGOMERY	455	0	40	8.8	0	0	0	1	7	6
MORGAN	741	0	107	14.4	0	0	0	2	8	27
NEWTON	183	0	19	10.4	0	0	0	0	1	6
NOBLE	599	3	92	15.9	0	0	3	4	8	15
OHIO	63	1	12	20.6	0	0	1	2	0	1
ORANGE	242	0	38	15.7	0	0	0	1	3	4
OWEN	216	0	36	16.7	0	0	0	1	8	2
PARKE	196	0	24	12.2	0	0	0	3	3	3
PERRY	233	0	30	12.9	0	0	0	3	1	8
PIKE	141	0	24	17.0	0	0	0	0	1	6
PORTER	1,591	1	157	9.9	0	0	1	6	15	25
POSEY	387	0	34	8.8	0	0	0	3	2	8
PULASKI	205	0	25	12.2	0	0	0	1	2	5
PUTNAM	345	0	51	14.8	0	0	0	4	6	9
RANDOLPH	337	0	32	9.5	0	0	0	2	2	5
RIPLEY	346	1	40	11.8	0	1	0	2	2	6
RUSH	233	1	30	13.3	1	0	0	1	4	7
ST. JOSEPH	3,466	18	465	13.9	3	4	11	27	56	88
SCOTT	295	0	59	20.0	0	0	0	3	4	11
SHELBY	572	0	89	15.6	0	0	0	1	13	16
SPENCER	238	0	26	10.9	0	0	0	1	4	3
STARKE	272	1	61	22.8	0	0	1	3	8	12
STEBEN	376	1	48	13.0	0	1	0	0	5	10
SULLIVAN	273	1	43	16.1	0	0	1	0	3	9
SWITZERLAND	100	1	15	16.0	0	0	1	1	2	3
TIPPECANOE	1,763	3	167	9.6	0	0	3	4	14	32
TIPTON	198	0	33	16.7	0	0	0	2	1	4
UNION	74	0	12	16.2	0	0	0	0	1	1
VANDERBURGH	2,414	4	351	14.7	0	0	4	14	42	74
VERMILLION	191	0	25	13.1	0	0	0	1	4	5
VIGO	1,403	2	182	13.1	0	0	2	11	23	35
WABASH	465	3	68	15.3	0	2	1	4	6	12
WARREN	105	0	20	19.0	0	0	0	1	2	2
WARRICK	649	1	59	9.2	0	0	1	0	4	12
WASHINGTON	315	0	49	15.6	0	0	0	2	7	12
WAYNE	970	3	196	20.5	0	0	3	7	24	37
WELLS	390	2	49	13.1	0	0	2	2	8	6
WHITE	338	0	37	10.9	0	0	0	0	3	7
WHITLEY	398	0	49	12.3	0	0	0	2	6	8
INDIANA	79,269	198	10,917	14.0	7	37	154	544	1,233	2,030

Source: ISBH-Public Health Statistics

Table 3-26

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA RESIDENTS, 1986

COUNTY	AGE 18	AGE 19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
LAGRANGE	15	19	223	187	96	35	10	3	1
LAKE	296	305	1,954	2,215	1,243	343	56	4	8
LAPORTE	66	70	470	440	235	71	4	0	0
LAWRENCE	16	39	207	172	72	25	0	0	0
MADISON	86	99	621	457	251	65	7	0	1
MARION	605	767	4,244	4,272	2,226	599	59	1	11
MARSHALL	16	20	222	180	96	25	4	0	0
MARTIN	7	8	67	45	21	13	2	0	0
MIAMI	31	39	269	194	77	25	5	0	0
MONROE	34	50	338	365	242	79	8	2	1
MONTGOMERY	14	12	158	152	74	27	4	0	0
MORGAN	33	37	269	211	116	36	1	1	0
NEWTON	4	8	68	55	33	7	0	0	1
NOBLE	25	40	198	191	90	22	3	0	0
OHIO	3	6	14	21	13	2	0	0	0
ORANGE	10	20	82	75	29	17	1	0	0
OWEN	12	13	87	52	27	11	3	0	0
PARKE	8	7	67	69	27	7	2	0	0
PERRY	12	6	78	76	35	13	1	0	0
PIKE	8	9	48	39	22	6	1	1	0
PORTER	45	66	411	568	338	96	19	0	1
POSEY	7	14	137	140	57	16	3	0	0
PULASKI	10	7	79	55	38	8	0	0	0
PUTNAM	13	19	110	117	49	18	0	0	0
RANDOLPH	9	14	124	111	55	13	2	0	0
RIPLEY	11	19	116	112	65	10	2	0	0
RUSH	9	9	87	81	21	12	1	0	0
ST. JOSEPH	128	166	1,021	1,127	624	185	26	0	0
SCOTT	22	19	115	70	32	14	4	0	1
SHELBY	28	31	185	193	76	24	5	0	0
SPENCER	5	13	78	94	29	9	2	0	0
STARKE	14	24	102	73	22	12	1	0	0
STEBEN	14	19	142	120	50	13	2	0	0
SULLIVAN	14	17	107	74	35	12	1	0	0
SWITZERLAND	6	3	44	30	7	3	0	0	0
TIPPECANOE	45	72	537	615	352	83	6	0	0
TIPTON	9	17	55	65	34	9	2	0	0
UNION	4	6	26	21	12	3	0	0	0
VANDERBURGH	96	125	711	804	445	85	13	1	0
VERMILLION	10	5	69	69	25	3	0	0	0
VIGO	47	66	481	448	218	63	9	0	0
WABASH	17	29	173	126	81	12	2	0	0
WARREN	7	8	34	30	16	5	0	0	0
WARRICK	17	26	198	219	127	39	5	0	1
WASHINGTON	8	20	100	103	47	15	1	0	0
WAYNE	60	68	369	256	111	29	6	0	0
WELLS	12	21	121	154	51	10	2	1	0
WHITE	9	18	106	124	62	8	1	0	0
WHITLEY	12	21	112	144	70	20	3	0	0
INDIANA	3,114	3,996	25,432	25,531	13,052	3,619	467	24	29

Table 3-26A

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA WHITE RESIDENTS, 1986

COUNTY	TOTAL	AGES UNDER 15	AGES 15-19	PERCENT TEENS	12 AND UNDER	AGE 13	AGE 14	AGE 15	AGE 16	AGE 17
ADAMS	525	0	45	8.6	0	0	0	4	6	7
ALLEN	4,062	4	384	9.6	0	0	4	11	41	78
BARTHOLOMEW	851	0	116	13.6	0	0	0	4	8	28
BENTON	138	0	20	14.5	0	0	0	2	1	2
BLACKFORD	199	0	41	20.6	0	0	0	1	4	6
BOONE	544	1	46	8.6	0	1	0	1	7	6
BROWN	170	0	15	8.8	0	0	0	0	4	2
CARROLL	240	1	25	10.8	0	0	1	1	2	6
CASS	528	2	69	13.4	0	0	2	4	8	15
CLARK	1,080	4	151	14.4	0	0	4	6	16	24
CLAY	337	0	52	15.4	0	0	0	2	3	12
CLINTON	452	0	53	11.7	0	0	0	1	3	6
CRAWFORD	142	0	39	27.5	0	0	0	4	3	4
DAVIESS	429	1	53	12.6	0	1	0	6	5	9
DEARBORN	492	1	53	11.0	0	1	0	0	10	10
DECATUR	306	0	41	13.4	0	0	0	2	6	6
DEKALB	488	0	54	11.1	0	0	0	1	2	13
DELAWARE	1,338	2	202	15.2	0	0	2	11	24	36
DUBOIS	571	0	47	8.2	0	0	0	1	4	10
ELKHART	2,342	2	296	12.7	0	0	2	12	36	52
FAYETTE	328	0	72	22.0	0	0	0	5	2	17
FLOYD	832	4	133	16.5	0	0	4	6	16	28
FOUNTAIN	233	0	28	12.0	0	0	0	0	1	3
FRANKLIN	257	0	37	14.4	0	0	0	1	4	10
FULTON	236	0	29	12.3	0	0	0	2	2	5
GIBSON	442	0	40	9.0	0	0	0	0	4	12
GRANT	911	1	181	20.0	0	0	1	5	20	29
GREENE	356	2	67	19.4	0	0	2	3	1	13
HAMILTON	1,324	0	74	5.6	0	0	0	2	7	13
HANCOCK	527	0	60	11.4	0	0	0	4	7	16
HARRISON	336	1	41	12.5	0	0	1	1	4	4
HENDRICKS	964	0	88	9.1	0	0	0	2	13	15
HENRY	542	0	90	16.6	0	0	0	3	9	12
HOWARD	1,131	0	178	15.7	0	0	0	9	23	29
HUNTINGTON	485	1	59	12.4	0	0	1	1	8	11
JACKSON	485	2	61	13.0	0	1	1	2	9	13
JASPER	377	2	50	13.8	0	0	2	0	0	9
JAY	306	1	46	15.4	0	0	1	2	7	7
JEFFERSON	336	2	53	16.4	0	0	2	4	2	11
JENNINGS	285	1	49	17.5	0	0	1	3	4	7
JOHNSON	1,164	1	145	12.5	0	0	1	5	15	29
KNOX	523	1	61	11.9	0	0	1	4	6	11
KOSCIUSKO	1,056	2	110	10.6	0	1	1	6	8	11

Table 3-26A

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA WHITE RESIDENTS, 1986

COUNTY	AGE 18	AGE 19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
ADAMS	8	20	166	182	87	40	4	1	0
ALLEN	114	140	1,129	1,448	824	239	31	2	1
BARTHOLOMEW	36	40	308	270	122	31	3	1	0
BENTON	3	12	53	36	20	7	2	0	0
BLACKFORD	18	12	78	55	20	4	0	1	0
BOONE	10	22	171	178	110	31	7	0	0
BROWN	4	5	38	57	46	12	2	0	0
CARROLL	5	11	80	80	44	9	1	0	0
CASS	16	25	176	189	68	21	3	0	0
CLARK	63	42	354	348	173	45	5	0	0
CLAY	10	25	125	98	50	10	2	0	0
CLINTON	10	33	165	156	63	13	2	0	0
CRAWFORD	11	17	59	19	18	7	0	0	0
DAVISS	16	17	133	144	60	35	3	0	0
DEARBORN	10	23	159	147	97	31	4	0	0
DECATUR	10	17	108	92	50	13	2	0	0
DEKALB	19	19	157	179	71	23	4	0	0
DELAWARE	56	75	471	411	194	48	10	0	0
DUBOIS	15	17	157	241	94	29	3	0	0
ELKHART	82	114	810	761	365	91	16	0	1
FAYETTE	19	29	118	84	41	13	0	0	0
FLOYD	39	44	254	268	134	33	6	0	0
FOUNTAIN	10	14	86	80	33	6	0	0	0
FRANKLIN	10	12	81	99	29	10	1	0	0
FULTON	8	12	88	77	32	9	1	0	0
GIBSON	16	8	163	162	59	18	0	0	0
GRANT	50	77	316	275	109	25	4	0	0
GREENE	23	27	136	99	34	17	1	0	0
HAMILTON	22	30	274	489	374	101	12	0	0
HANCOCK	15	18	164	175	98	26	4	0	0
HARRISON	17	15	121	96	58	17	1	0	1
HENDRICKS	21	37	257	390	175	44	10	0	0
HENRY	32	34	200	156	81	12	2	1	0
HOWARD	50	67	380	350	177	40	4	2	0
HUNTINGTON	11	28	160	175	70	18	2	0	0
JACKSON	16	21	183	161	63	11	4	0	0
JASPER	17	24	140	125	47	12	0	1	0
JAY	13	17	117	79	48	15	0	0	0
JEFFERSON	18	18	115	102	51	11	2	0	0
JENNINGS	11	24	114	80	36	4	1	0	0
JOHNSON	45	51	384	380	182	69	3	0	0
KNOX	16	24	192	197	54	15	3	0	0
KOSCIUSKO	39	46	368	377	149	42	8	0	0

Table 3-26A

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA WHITE RESIDENTS, 1986

COUNTY	TOTAL	AGES UNDER 15	AGES 15-19	PERCENT TEENS	12 AND UNDER	AGE 13	AGE 14	AGE 15	AGE 16	AGE 17
LAGRANGE	600	0	47	7.8	0	0	0	3	4	6
LAKE	4,701	9	487	10.6	0	3	6	20	56	85
LAPORTE	1,245	0	144	11.6	0	0	0	3	7	30
LAWRENCE	562	1	88	15.8	0	0	1	7	11	15
MADISON	1,532	2	239	15.7	0	0	2	12	19	51
MARION	10,262	23	1,279	12.7	0	1	22	61	129	214
MARSHALL	585	1	61	10.6	0	0	1	0	6	19
MARTIN	171	1	22	13.5	0	0	1	3	1	3
MIAMI	632	0	83	13.1	0	0	0	2	5	9
MONROE	1,099	0	123	11.2	0	0	0	5	12	24
MONTGOMERY	452	0	40	8.8	0	0	0	1	7	6
MORGAN	739	0	107	14.5	0	0	0	2	8	27
NEWTON	182	0	19	10.4	0	0	0	0	1	6
NOBLE	597	3	92	15.9	0	0	3	4	8	15
OHIO	63	1	12	20.6	0	0	1	2	0	1
ORANGE	242	0	38	15.7	0	0	0	1	3	4
OWEN	216	0	36	16.7	0	0	0	1	8	2
PARKE	195	0	24	12.3	0	0	0	3	3	3
PERRY	232	0	30	12.9	0	0	0	3	1	8
PIKE	140	0	24	17.1	0	0	0	0	1	6
PORTER	1,580	1	156	9.9	0	0	1	6	15	24
POSEY	382	0	34	8.9	0	0	0	3	2	8
FULASKI	202	0	24	11.9	0	0	0	1	2	4
PUTNAM	341	0	51	15.0	0	0	0	4	6	9
RANDOLPH	335	0	32	9.6	0	0	0	2	2	5
RIPLEY	346	1	40	11.8	0	1	0	2	2	6
RUSH	232	1	30	13.4	1	0	0	1	4	7
ST. JOSEPH	2,910	3	309	10.7	0	0	3	15	30	53
SCOTT	295	0	59	20.0	0	0	0	3	4	11
SHELBY	564	0	87	15.4	0	0	0	1	13	15
SPENCER	238	0	26	10.9	0	0	0	1	4	3
STARKE	272	1	61	22.8	0	0	1	3	8	12
STEUBEN	371	1	48	13.2	0	1	0	0	5	10
SULLIVAN	273	1	43	16.1	0	0	1	0	3	9
SWITZERLAND	100	1	15	16.0	0	0	1	1	2	3
TIPPECANOE	1,672	3	164	10.0	0	0	3	4	13	31
TIPTON	198	0	33	16.7	0	0	0	2	1	4
UNION	74	0	12	16.2	0	0	0	0	1	1
VANDERBURGH	2,161	1	276	12.8	0	0	1	11	32	57
VERMILLION	191	0	25	13.1	0	0	0	1	4	5
VIGO	1,279	1	164	12.9	0	0	1	9	21	31
WABASH	463	3	68	15.3	0	2	1	4	6	12
WARREN	105	0	20	19.0	0	0	0	1	2	2
WARRICK	640	1	59	9.4	0	0	1	0	4	12
WASHINGTON	315	0	49	15.6	0	0	0	2	7	12
WAYNE	905	2	180	20.1	0	0	2	5	24	32
WELLS	390	2	49	13.1	0	0	2	2	8	6
WHITE	338	0	37	10.9	0	0	0	0	3	7
WHITLEY	397	0	48	12.1	0	0	0	2	6	8
INDIANA	70,686	103	8,748	12.5	1	13	89	363	889	1,580

Source: ISBH-Public Health Statistics

Table 3-26A

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA WHITE RESIDENTS, 1986

COUNTY	AGE 18	AGE 19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
LAGRANGE	15	19	223	185	96	35	10	3	1
LAKE	163	163	1,321	1,692	912	235	40	3	2
LAPORTE	44	60	405	411	220	61	4	0	0
LAWRENCE	16	39	207	169	72	25	0	0	0
MADISON	69	88	563	425	234	61	7	0	1
MARION	393	482	3,064	3,511	1,855	480	48	0	2
MARSHALL	16	20	220	178	96	25	4	0	0
MARTIN	7	8	67	45	21	13	2	0	0
MIAMI	28	39	261	186	73	24	5	0	0
MONROE	33	49	327	336	231	72	8	1	1
MONTGOMERY	14	12	156	152	73	27	4	0	0
MORGAN	33	37	268	211	115	36	1	1	0
NEWTON	4	8	67	55	33	7	0	0	1
NOBLE	25	40	198	190	89	22	3	0	0
OHIO	3	6	14	21	13	2	0	0	0
ORANGE	10	20	82	75	29	17	1	0	0
OWEN	12	13	87	52	27	11	3	0	0
PARKE	8	7	66	69	27	7	2	0	0
PERRY	12	6	77	76	35	13	1	0	0
PIKE	8	9	48	38	22	6	1	1	0
PORTER	45	66	411	563	336	93	19	0	1
POSEY	7	14	135	137	57	16	3	0	0
PULASKI	10	7	78	54	38	8	0	0	0
PUTNAM	13	19	108	115	49	18	0	0	0
RANDOLPH	9	14	123	110	55	13	2	0	0
RIPLEY	11	19	116	112	65	10	2	0	0
RUSH	9	9	87	81	21	11	1	0	0
ST. JOSEPH	88	123	824	1,017	564	170	23	0	0
SCOTT	22	19	115	70	32	14	4	0	1
SHELBY	28	30	184	189	76	23	5	0	0
SPENCER	5	13	78	94	29	9	2	0	0
STARKE	14	24	102	73	22	12	1	0	0
STEBEN	14	19	138	120	49	13	2	0	0
SULLIVAN	14	17	107	74	35	12	1	0	0
SWITZERLAND	6	3	44	30	7	3	0	0	0
TIPPECANOE	45	71	521	577	328	73	6	0	0
TIPTON	9	17	55	65	34	9	2	0	0
UNION	4	6	26	21	12	3	0	0	0
VANDERBURGH	73	103	619	751	419	84	10	1	0
VERMILLION	10	5	69	69	25	3	0	0	0
VIGO	42	61	441	406	196	62	9	0	0
WABASH	17	29	172	126	80	12	2	0	0
WARREN	7	8	34	30	16	5	0	0	0
WARRICK	17	26	196	216	123	39	5	0	1
WASHINGTON	8	20	100	103	47	15	1	0	0
WAYNE	56	63	338	246	105	28	6	0	0
WELLS	12	21	121	154	51	10	2	1	0
WHITE	9	18	106	124	62	8	1	0	0
WHITLEY	12	20	112	144	70	20	3	0	0
INDIANA	2,563	3,353	22,589	23,515	11,986	3,282	429	20	14

Table 3-26B

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA NONWHITE RESIDENTS, 1986

COUNTY	TOTAL	AGES UNDER 15	AGES 15-19	% TEENS	12 AND UNDER	AGE 13	AGE 14	AGE 15	AGE 16	AGE 17
ADAMS	6	0	1	16.7	0	0	0	0	0	0
ALLEN	733	7	191	27.0	1	1	5	15	37	39
BARTHOLOMEW	15	0	2	13.3	0	0	0	0	1	0
BENTON	0	0	0	0.0	0	0	0	0	0	0
BLACKFORD	2	0	1	50.0	0	0	0	0	0	0
BOONE	1	0	0	0.0	0	0	0	0	0	0
BROWN	3	0	0	0.0	0	0	0	0	0	0
CARROLL	0	0	0	0.0	0	0	0	0	0	0
CASS	7	0	1	14.3	0	0	0	0	1	0
CLARK	66	0	15	22.7	0	0	0	0	4	0
CLAY	1	0	0	0.0	0	0	0	0	0	0
CLINTON	1	0	0	0.0	0	0	0	0	0	0
CRAWFORD	0	0	0	0.0	0	0	0	0	0	0
DAVISS	2	0	1	50.0	0	0	0	0	0	0
DEARBORN	8	0	0	0.0	0	0	0	0	0	0
DECATUR	0	0	0	0.0	0	0	0	0	0	0
DEKALB	2	0	0	0.0	0	0	0	0	0	0
DELAWARE	141	0	43	30.5	0	0	0	4	15	6
DUBOIS	1	0	0	0.0	0	0	0	0	0	0
ELKHART	174	2	51	30.5	1	0	1	6	6	11
FAYETTE	7	0	1	14.3	0	0	0	0	1	0
FLOYD	37	0	10	27.0	0	0	0	0	0	2
FOUNTAIN	0	0	0	0.0	0	0	0	0	0	0
FRANKLIN	0	0	0	0.0	0	0	0	0	0	0
FULTON	3	0	0	0.0	0	0	0	0	0	0
GIBSON	11	0	1	9.1	0	0	0	1	0	0
GRANT	97	0	37	38.1	0	0	0	6	3	8
GREENE	0	0	0	0.0	0	0	0	0	0	0
HAMILTON	17	0	3	17.6	0	0	0	1	0	0
HANCOCK	2	0	0	0.0	0	0	0	0	0	0
HARRISON	1	0	0	0.0	0	0	0	0	0	0
HENDRICKS	5	0	0	0.0	0	0	0	0	0	0
HENRY	10	0	0	0.0	0	0	0	0	0	0
HOWARD	71	0	19	26.8	0	0	0	0	3	3
HUNTINGTON	0	0	0	0.0	0	0	0	0	0	0
JACKSON	1	0	0	0.0	0	0	0	0	0	0
JASPER	0	0	0	0.0	0	0	0	0	0	0
JAY	1	0	0	0.0	0	0	0	0	0	0
JEFFERSON	7	0	1	14.3	0	0	0	0	0	1
JENNINGS	2	0	0	0.0	0	0	0	0	0	0
JOHNSON	10	0	2	20.0	0	0	0	0	0	0
KNOX	8	0	1	12.5	0	0	0	0	0	0
KOSCIUSKO	9	0	0	0.0	0	0	0	0	0	0

Table 3-26B

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA NONWHITE RESIDENTS, 1986

COUNTY	AGE 18	AGE 19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
ADAMS	0	1	2	1	2	0	0	0	0
ALLEN	50	50	246	169	84	29	4	1	0
BARTHOLOMEW	1	0	4	6	1	2	0	0	0
BENTON	0	0	0	0	0	0	0	0	0
BLACKFORD	1	0	0	0	1	0	0	0	0
BOONE	0	0	0	0	1	0	0	0	0
BROWN	0	0	1	1	0	1	0	0	0
CARROLL	0	0	0	0	0	0	0	0	0
CASS	0	0	2	4	0	0	0	0	0
CLARK	2	9	24	18	7	2	0	0	0
CLAY	0	0	0	0	1	0	0	0	0
CLINTON	0	0	1	0	0	0	0	0	0
CRAWFORD	0	0	0	0	0	0	0	0	0
DAVIESS	0	1	0	1	0	0	0	0	0
DEARBORN	0	0	3	3	2	0	0	0	0
DECATUR	0	0	0	0	0	0	0	0	0
DEKALB	0	0	0	1	1	0	0	0	0
DELAWARE	9	9	49	35	9	4	1	0	0
DUBOIS	0	0	0	1	0	0	0	0	0
ELKHART	13	15	66	34	19	2	0	0	0
FAYETTE	0	0	1	4	1	0	0	0	0
FLOYD	1	7	14	8	4	1	0	0	0
FOUNTAIN	0	0	0	0	0	0	0	0	0
FRANKLIN	0	0	0	0	0	0	0	0	0
FULTON	0	0	0	1	1	1	0	0	0
GIBSON	0	0	6	2	2	0	0	0	0
GRANT	8	12	27	21	7	5	0	0	0
GREENE	0	0	0	0	0	0	0	0	0
HAMILTON	0	2	3	3	4	4	0	0	0
HANCOCK	0	0	0	0	1	1	0	0	0
HARRISON	0	0	0	0	1	0	0	0	0
HENDRICKS	0	0	3	2	0	0	0	0	0
HENRY	0	0	3	5	2	0	0	0	0
HOWARD	4	9	24	21	6	1	0	0	0
HUNTINGTON	0	0	0	0	0	0	0	0	0
JACKSON	0	0	1	0	0	0	0	0	0
JASPER	0	0	0	0	0	0	0	0	0
JAY	0	0	0	1	0	0	0	0	0
JEFFERSON	0	0	1	3	1	1	0	0	0
JENNINGS	0	0	1	0	1	0	0	0	0
JOHNSON	2	0	2	2	4	0	0	0	0
KNOX	0	1	2	2	3	0	0	0	0
KOSCIUSKO	0	0	2	4	2	1	0	0	0

Table 3-26B

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA NONWHITE RESIDENTS, 1986

COUNTY	TOTAL	AGES UNDER 15	AGES 15-19	% TEENS	12 AND UNDER	AGE 13	AGE 14	AGE 15	AGE 16	AGE 17
LAGRANGE	2	0	0	0.0	0	0	0	0	0	0
LAKE	2,138	20	500	24.3	0	6	14	41	68	116
LAPORTE	170	1	50	30.0	0	1	0	6	3	9
LAWRENCE	5	0	2	40.0	0	0	0	0	2	0
MADISON	164	2	51	32.3	0	2	0	2	11	10
MARION	3,401	43	906	27.9	1	10	32	80	150	179
MARSHALL	5	0	1	20.0	0	0	0	0	0	1
MARTIN	0	0	0	0.0	0	0	0	0	0	0
MIAMI	24	0	3	12.5	0	0	0	0	0	0
MONROE	61	0	2	3.3	0	0	0	0	0	0
MONTGOMERY	3	0	0	0.0	0	0	0	0	0	0
MORGAN	2	0	0	0.0	0	0	0	0	0	0
NEWTON	1	0	0	0.0	0	0	0	0	0	0
NOBLE	2	0	0	0.0	0	0	0	0	0	0
OHIO	0	0	0	0.0	0	0	0	0	0	0
ORANGE	0	0	0	0.0	0	0	0	0	0	0
OWEN	0	0	0	0.0	0	0	0	0	0	0
PARKE	1	0	0	0.0	0	0	0	0	0	0
PERRY	1	0	0	0.0	0	0	0	0	0	0
PIKE	1	0	0	0.0	0	0	0	0	0	0
PORTER	11	0	1	9.1	0	0	0	0	0	1
POSEY	5	0	0	0.0	0	0	0	0	0	0
PULASKI	3	0	1	33.3	0	0	0	0	0	1
PUTNAM	4	0	0	0.0	0	0	0	0	0	0
RANDOLPH	2	0	0	0.0	0	0	0	0	0	0
RIPLEY	0	0	0	0.0	0	0	0	0	0	0
RUSH	1	0	0	0.0	0	0	0	0	0	0
ST. JOSEPH	556	15	156	30.8	3	4	8	12	26	35
SCOTT	0	0	0	0.0	0	0	0	0	0	0
SHELBY	8	0	2	25.0	0	0	0	0	0	1
SPENCER	0	0	0	0.0	0	0	0	0	0	0
STARKE	0	0	0	0.0	0	0	0	0	0	0
STEBEN	5	0	0	0.0	0	0	0	0	0	0
SULLIVAN	0	0	0	0.0	0	0	0	0	0	0
SWITZERLAND	0	0	0	0.0	0	0	0	0	0	0
TIPPECANOE	91	0	3	3.3	0	0	0	0	1	1
TIPTON	0	0	0	0.0	0	0	0	0	0	0
UNION	0	0	0	0.0	0	0	0	0	0	0
VANDEBURGH	253	3	75	30.8	0	0	3	3	10	17
VERMILLION	0	0	0	0.0	0	0	0	0	0	0
VIGO	124	1	18	15.3	0	0	1	2	2	4
WABASH	2	0	0	0.0	0	0	0	0	0	0
WARREN	0	0	0	0.0	0	0	0	0	0	0
WARRICK	9	0	0	0.0	0	0	0	0	0	0
WASHINGTON	0	0	0	0.0	0	0	0	0	0	0
WAYNE	65	1	16	26.2	0	0	1	2	0	5
WELLS	0	0	0	0.0	0	0	0	0	0	0
WHITE	0	0	0	0.0	0	0	0	0	0	0
WHITLEY	1	0	1	100.0	0	0	0	0	0	0
INDIANA	8,583	95	2,169	26.4	6	24	65	181	344	450

Source: ISBH-Public Health Statistics

Table 3-26B

NUMBER OF LIVE BIRTHS BY AGE OF MOTHER, BY COUNTY, INDIANA NONWHITE RESIDENTS, 1986

COUNTY	AGE 18	AGE 19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
LAGRANGE	0	0	0	2	0	0	0	0	0
LAKE	133	142	633	523	331	108	16	1	6
LAPORTE	22	10	65	29	15	10	0	0	0
LAWRENCE	0	0	0	3	0	0	0	0	0
MADISON	17	11	58	32	17	4	0	0	0
MARION	212	285	1,180	761	371	119	11	1	9
MARSHALL	0	0	2	2	0	0	0	0	0
MARTIN	0	0	0	0	0	0	0	0	0
MIAMI	3	0	8	8	4	1	0	0	0
MONROE	1	1	11	29	11	7	0	1	0
MONTGOMERY	0	0	2	0	1	0	0	0	0
MORGAN	0	0	1	0	1	0	0	0	0
NEWTON	0	0	1	0	0	0	0	0	0
NOBLE	0	0	0	1	1	0	0	0	0
OHIO	0	0	0	0	0	0	0	0	0
ORANGE	0	0	0	0	0	0	0	0	0
OWEN	0	0	0	0	0	0	0	0	0
PARKE	0	0	1	0	0	0	0	0	0
PERRY	0	0	1	0	0	0	0	0	0
PIKE	0	0	0	1	0	0	0	0	0
PORTER	0	0	0	5	2	3	0	0	0
POSEY	0	0	2	3	0	0	0	0	0
PULASKI	0	0	1	1	0	0	0	0	0
PUTNAM	0	0	2	2	0	0	0	0	0
RANDOLPH	0	0	1	1	0	0	0	0	0
RIPLEY	0	0	0	0	0	0	0	0	0
RUSH	0	0	0	0	0	1	0	0	0
ST. JOSEPH	40	43	197	110	60	15	3	0	0
SCOTT	0	0	0	0	0	0	0	0	0
SHELBY	0	1	1	4	0	1	0	0	0
SPENCER	0	0	0	0	0	0	0	0	0
STARKE	0	0	0	0	0	0	0	0	0
STEUBEN	0	0	4	0	1	0	0	0	0
SULLIVAN	0	0	0	0	0	0	0	0	0
SWITZERLAND	0	0	0	0	0	0	0	0	0
TIPPECANOE	0	1	16	38	24	10	0	0	0
TIPTON	0	0	0	0	0	0	0	0	0
UNION	0	0	0	0	0	0	0	0	0
VANDERBURGH	23	22	92	53	26	1	3	0	0
VERMILLION	0	0	0	0	0	0	0	0	0
VIGO	5	5	40	42	22	1	0	0	0
WABASH	0	0	1	0	1	0	0	0	0
WARREN	0	0	0	0	0	0	0	0	0
WARRICK	0	0	2	3	4	0	0	0	0
WASHINGTON	0	0	0	0	0	0	0	0	0
WAYNE	4	5	31	10	6	1	0	0	0
WELLS	0	0	0	0	0	0	0	0	0
WHITE	0	0	0	0	0	0	0	0	0
WHITLEY	0	1	0	0	0	0	0	0	0
INDIANA	551	643	2,843	2,016	1,066	337	38	4	15

Table 3-27

NUMBER OF LIVE BIRTHS BY AGE, BY CITY OF RESIDENCE (OVER
25,000 POPULATION IN 1980) AND RACE, INDIANA, 1986

CITY/RACE	TOTAL	AGES UNDER 15	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
Anderson	859	3	153	339	214	117	27	5	0	1
White	704	1	105	283	186	100	23	5	0	1
Nonwhite	155	2	48	56	28	17	4	0	0	0
Bloomington	706	0	77	222	209	137	55	3	2	1
White	648	0	76	212	181	126	48	3	1	1
Nonwhite	58	0	1	10	28	11	7	0	1	0
Columbus	498	0	70	189	151	67	20	0	1	0
White	485	0	68	185	146	66	19	0	1	0
Nonwhite	13	0	2	4	5	1	1	0	0	0
East Chicago	529	1	91	153	168	85	24	7	0	0
White	339	0	45	103	122	48	17	4	0	0
Nonwhite	190	1	46	50	46	37	7	3	0	0
Elkhart	857	2	169	311	235	118	19	3	0	0
White	706	0	122	253	209	102	17	3	0	0
Nonwhite	151	2	47	58	26	16	2	0	0	0
Evansville	1,991	4	332	623	642	319	60	10	1	0
White	1,744	1	257	533	591	295	59	7	1	0
Nonwhite	247	3	75	90	51	24	1	3	0	0
Fort Wayne	3,285	11	466	1,034	1,074	527	154	15	3	1
White	2,582	4	284	792	911	449	127	12	2	1
Nonwhite	703	7	182	242	163	78	27	3	1	0
Gary	2,214	20	492	711	551	319	96	19	0	6
White	469	3	72	180	135	66	7	6	0	0
Nonwhite	1,745	17	420	531	416	253	89	13	0	6
Hammond	1,101	5	157	333	354	204	44	3	0	1
White	976	3	129	297	319	185	39	3	0	1
Nonwhite	125	2	28	36	35	19	5	0	0	0
Highland	276	0	17	52	118	72	15	2	0	0
White	273	0	17	51	118	72	13	2	0	0
Nonwhite	3	0	0	1	0	0	2	0	0	0
Indianapolis	13,268	64	2,141	4,133	4,118	2,160	581	59	1	11
White	9,886	21	1,239	2,957	3,365	1,792	462	48	0	2
Nonwhite	3,382	43	902	1,176	753	368	119	11	1	9
Kokomo	792	0	149	285	232	99	22	4	1	0
White	726	0	131	262	213	93	22	4	1	0
Nonwhite	66	0	18	23	19	6	0	0	0	0
Lafayette	808	2	95	278	253	150	27	3	0	0
White	781	2	93	271	248	139	25	3	0	0
Nonwhite	27	0	2	7	5	11	2	0	0	0
Lawrence	42	0	6	16	15	4	1	0	0	0
White	38	0	5	15	13	4	1	0	0	0
Nonwhite	4	0	1	1	2	0	0	0	0	0

Table 3-27

NUMBER OF LIVE BIRTHS BY AGE, BY CITY OF RESIDENCE (OVER
25,000 POPULATION IN 1980) AND RACE, INDIANA, 1986

CITY/RACE	TOTAL	AGES UNDER 15	AGES 15-19	AGES 20-24	AGES 25-29	AGES 30-34	AGES 35-39	AGES 40-44	AGES 45+	AGE UNKNOWN
Marion	537	1	136	175	149	60	14	2	0	0
White	445	1	102	149	129	53	9	2	0	0
Nonwhite	92	0	34	26	20	7	5	0	0	0
Merrillville	319	1	26	86	126	58	19	3	0	0
White	300	1	24	82	118	53	19	3	0	0
Nonwhite	19	0	2	4	8	5	0	0	0	0
Michigan City	562	1	96	199	158	76	31	1	0	0
White	407	0	48	139	131	64	24	1	0	0
Nonwhite	155	1	48	60	27	12	7	0	0	0
Mishawaka	609	1	99	207	198	76	23	5	0	0
White	596	0	96	204	193	75	23	5	0	0
Nonwhite	13	1	3	3	5	1	0	0	0	0
Muncie	989	2	200	367	269	113	33	5	0	0
White	855	2	159	320	236	105	29	4	0	0
Nonwhite	134	0	41	47	33	8	4	1	0	0
New Albany	595	4	112	201	165	89	22	2	0	0
White	561	4	102	188	158	85	22	2	0	0
Nonwhite	34	0	10	13	7	4	0	0	0	0
Portage	395	0	44	117	138	74	15	6	0	1
White	394	0	44	117	137	74	15	6	0	1
Nonwhite	1	0	0	0	1	0	0	0	0	0
Richmond	601	3	131	240	150	62	12	3	0	0
White	536	2	115	209	140	56	11	3	0	0
Nonwhite	65	1	16	31	10	6	1	0	0	0
South Bend	1,837	17	294	576	549	299	89	13	0	0
White	1,316	3	142	388	453	243	77	10	0	0
Nonwhite	521	14	152	188	96	56	12	3	0	0
Terre Haute	875	2	122	317	275	116	38	5	0	0
White	761	1	104	280	236	98	37	5	0	0
Nonwhite	114	1	18	37	39	18	1	0	0	0

Source: ISBH-Public Health Statistics

Table 3-28

NUMBER OF LIVE BIRTHS BY RACE AND SEX, BY COUNTY
AND HOSPITAL OF OCCURRENCE, INDIANA, 1986

COUNTY/HOSPITAL	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
TOTAL	82,074	33,352	31,806	8,562	8,354
ADAMS	311	129	136	23	23
Adams County Memorial Hospital	311	129	136	23	23
ALLEN	5,442	2,092	1,920	690	740
Lutheran Hospital of Ft. Wayne	1,578	642	549	181	206
Parkview Memorial Hospital, Inc.	3,150	1,250	1,181	358	361
St. Joseph Hospital	714	200	190	151	173
BARTHOLOMEW	1,264	534	526	97	107
Bartholomew County Hospital	1,264	534	526	97	107
BLACKFORD	114	40	37	21	16
Blackford County Hospital	114	40	37	21	16
BOONE	180	85	68	12	15
Witham Memorial Hospital	180	85	68	12	15
CASS	575	260	266	27	22
Memorial Hospital	574	260	266	27	21
Logansport State Hospital	1	0	0	0	1
CLARK	484	174	190	69	51
Clark County Hospital	484	174	190	69	51
CLAY	189	104	80	2	3
Clay County Hospital	189	104	80	2	3
CLINTON	215	80	87	27	21
Clinton County Hospital	215	80	87	27	21
DAVIESS	353	162	148	24	19
Daviess County Hospital	353	162	148	24	19
DEARBORN	386	166	144	35	41
Dearborn County Hospital	386	166	144	35	41
DECATUR	103	39	47	12	5
Decatur County Hospital	103	39	47	12	5
DEKALB	441	176	201	37	27
DeKalb County Hospital, Inc.	441	176	201	37	27
DELAWARE	1,768	717	721	166	164
Ball Memorial Hospital	1,768	717	721	166	164

Table 3-28

NUMBER OF LIVE BIRTHS BY RACE AND SEX, BY COUNTY
AND HOSPITAL OF OCCURRENCE, INDIANA, 1986

COUNTY/HOSPITAL	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
DUBOIS	806	355	397	27	27
St. Joseph's Hospital	294	136	137	12	9
Memorial Hospital	512	219	260	15	18
ELKHART	2,901	1,209	1,117	291	284
Elkhart General Hospital	1,642	631	579	216	216
Goshen General Hospital	1,259	578	538	75	68
FAYETTE	238	100	110	14	14
Fayette Memorial Hospital	238	100	110	14	14
FLOYD	728	273	278	78	99
Memorial Hospital	728	273	278	78	99
FULTON	171	66	75	13	17
Woodlawn Hospital	171	66	75	13	17
GIBSON	210	91	75	23	21
Gibson General Hospital	163	68	61	20	14
Wirth Osteopathic Hospital	47	23	14	3	7
GRANT	994	429	433	70	62
Marion General Hospital	994	429	433	70	62
GREENE	151	60	62	14	15
Greene County General Hospital	151	60	62	14	15
HAMILTON	465	233	186	23	23
Riverview Hospital	465	233	186	23	23
HANCOCK	396	196	153	21	26
Hancock County Memorial Hospital	396	196	153	21	26
HARRISON	259	97	109	29	24
Harrison County Hospital	259	97	109	29	24
HENDRICKS	410	205	194	8	3
Hendricks County Hospital	410	205	194	8	3
HENRY	383	157	135	45	46
Henry County Memorial Hospital	383	157	135	45	46
HOWARD	1,484	619	550	158	157
St. Joseph Memorial Hospital	1,083	467	405	100	111
Howard Community Hospital	401	152	145	58	46

Table 3-28

NUMBER OF LIVE BIRTHS BY RACE AND SEX, BY COUNTY
AND HOSPITAL OF OCCURRENCE, INDIANA, 1986

COUNTY/HOSPITAL	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
HUNTINGTON	349	163	136	21	29
Huntington County Hospital	349	163	136	21	29
JACKSON	557	275	236	22	24
Jackson County Schneck Hospital	557	275	236	22	24
JASPER	225	111	104	5	5
Jasper County Hospital	225	111	104	5	5
JAY	222	89	99	17	17
Jay County Hospital	222	89	99	17	17
JEFFERSON	435	193	198	28	16
King's Daughters Hospital	435	193	198	28	16
JOHNSON	617	261	269	46	41
Johnson County Memorial Hospital	617	261	269	46	41
KNOX	714	325	298	52	39
Good Samaritan Hospital	714	325	298	52	39
KOSCIUSKO	613	285	246	33	49
Kosciusko Community Hospital	613	285	246	33	49
LAGRANGE	358	148	174	23	13
LaGrange County Hospital	358	148	174	23	13
LAKE	7,777	2,540	2,409	1,416	1,412
St. Mary Medical Center	3	1	0	0	2
Methodist Hospital of Gary	1,474	40	35	688	711
St. Catherine Hospital of E. Chicago	420	78	76	150	116
St. Margaret Hospital	1,390	528	539	158	165
Our Lady of Mercy Hospital	1	0	1	0	0
St. Anthony Hospital	542	285	227	14	16
Munster Medical Research	2,501	1,064	1,088	176	173
Broadway Methodist Hospital	1,446	544	443	230	229
LAPORTE	1,492	564	545	199	184
St. Anthony Hospital	475	180	156	75	64
Memorial Hospital	339	106	110	62	61
LaPorte Hospital, Inc.	678	278	279	62	59
LAWRENCE	724	346	296	41	41
Dunn Memorial Hospital	323	144	134	25	30
Bedford Medical Center	391	202	162	16	11

Table 3-28

NUMBER OF LIVE BIRTHS BY RACE AND SEX, BY COUNTY
AND HOSPITAL OF OCCURRENCE, INDIANA, 1986

COUNTY/HOSPITAL	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
MADISON	1,652	723	652	138	139
St. John's Hickey Memorial Hospital	826	389	329	55	53
Mercy Hospital, Inc.	171	58	67	23	23
Community Hospital of Anderson	655	276	256	60	63
MARION	17,511	6,256	6,011	2,679	2,565
Humana Women's Hospital	1,923	872	860	85	106
Methodist Hospital of Indianapolis	3,865	1,391	1,246	632	596
St. Vincent Hospital	3,522	1,528	1,496	246	252
Wishard Memorial Hospital	3,003	379	398	1,149	1,077
I. U. Medical Center	894	296	266	172	160
St. Francis Hospital	2,064	886	883	143	152
University Heights Hospital	7	1	3	3	0
Community Hospital of Indianapolis	2,233	903	859	249	222
MARSHALL	427	176	191	23	37
Holy Cross Hospital	292	122	120	18	32
Community Hospital of German Township	135	54	71	5	5
MIAMI	403	193	181	20	9
Dukes Memorial Hospital	403	193	181	20	9
MONROE	1,586	678	646	139	123
Bloomington Hospital	1,586	678	646	139	123
MONTGOMERY	354	166	170	10	8
Montgomery County Culver Union	354	166	170	10	8
MORGAN	322	132	121	37	32
Morgan County Memorial Hospital	322	132	121	37	32
NEWTON	44	18	18	3	5
George Ade Memorial Hospital	44	18	18	3	5
NOBLE	355	147	162	25	21
McRay Memorial Hospital	355	147	162	25	21
ORANGE	185	72	82	12	19
Orange County Hospital	185	72	82	12	19
PERRY	99	40	42	7	10
Perry County Memorial Hospital	99	40	42	7	10
PORTER	1,546	643	677	107	119
Porter Memorial Hospital	1,546	643	677	107	119

Table 3-28

NUMBER OF LIVE BIRTHS BY RACE AND SEX, BY COUNTY
AND HOSPITAL OF OCCURRENCE, INDIANA, 1986

COUNTY/HOSPITAL	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
PULASKI	204	91	96	8	9
Pulaski Memorial Hospital	204	91	96	8	9
PUTNAM	243	104	100	23	16
Putnam County Hospital	243	104	100	23	16
RANDOLPH	166	78	62	11	15
Randolph County Hospital	119	53	47	8	11
Union City Memorial Hospital	47	25	15	3	4
RIPLEY	406	200	206	0	0
Margaret Mary Memorial Hospital	406	200	206	0	0
RUSH	103	43	45	9	6
Rush Memorial Hospital	103	43	45	9	6
ST. JOSEPH	4,147	1,817	1,666	359	305
Memorial Hospital of South Bend	2,962	1,237	1,130	323	272
St. Joseph Medical Center	3	1	1	0	1
South Bend Osteopathic Hospital	388	179	168	23	18
St. Joseph of Mishawaka	794	400	367	13	14
SCOTT	122	51	39	18	14
Scott County Memorial Hospital	122	51	39	18	14
SHELBY	336	141	127	41	27
W. S. Major Hospital	336	141	127	41	27
STARKE	148	52	56	22	18
Starke County Memorial Hospital	148	52	56	22	18
STEUBEN	290	121	130	24	15
Cameron Memorial Community Hospital	290	121	130	24	15
SULLIVAN	214	108	81	9	16
Mary Sherman Hospital	214	108	81	9	16
TIPPECANOE	2,613	1,262	1,141	127	83
St. Elizabeth Hospital	575	278	245	31	21
Lafayette Home Hospital	2,038	984	896	96	62
TIPTON	148	73	68	4	3
Tipton County Memorial Hospital	148	73	68	4	3

Table 3-28

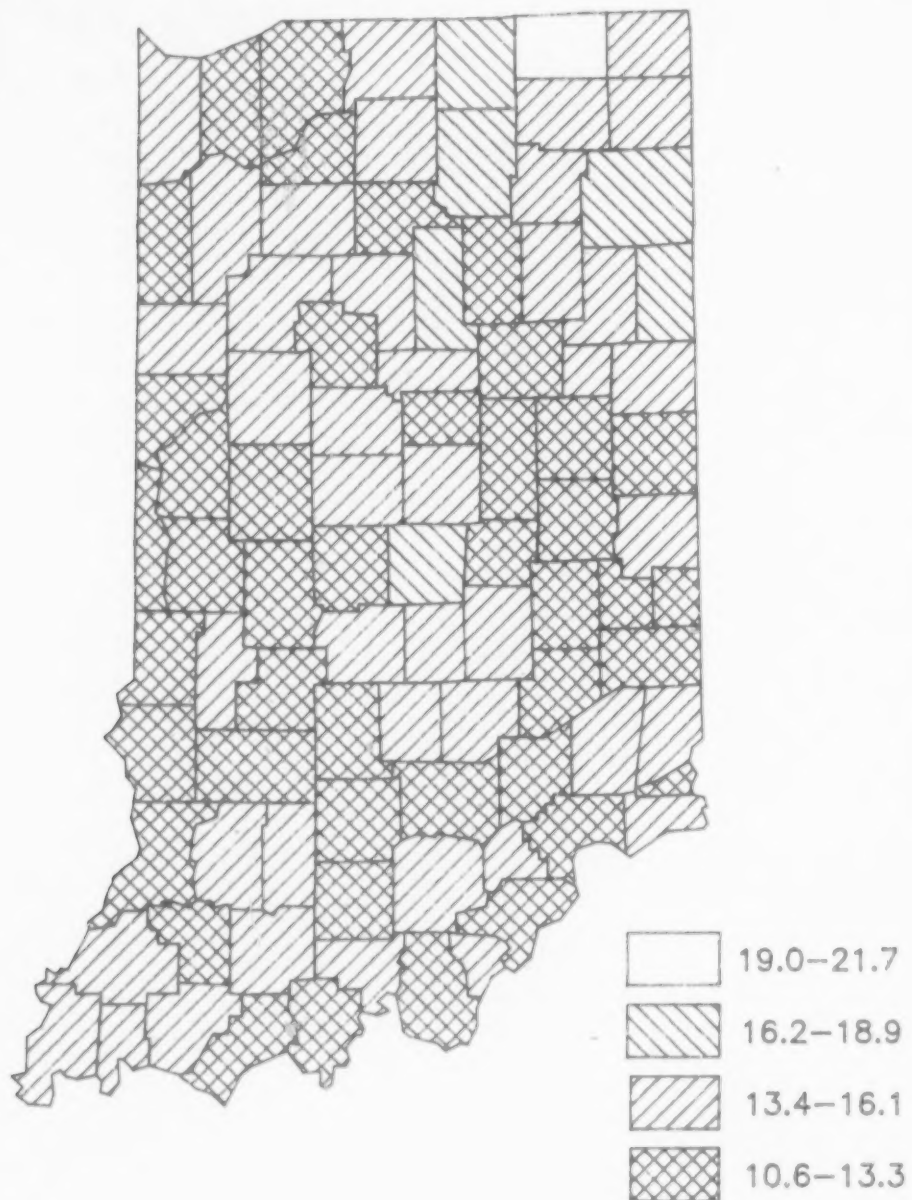
NUMBER OF LIVE BIRTHS BY RACE AND SEX, BY COUNTY
AND HOSPITAL OF OCCURRENCE, INDIANA, 1986

COUNTY/HOSPITAL	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
VANDERBURGH	4,350	1,905	1,832	312	301
Deaconess Hospital, Inc.	973	368	381	116	108
St. Mary's Hospital, Inc.	2,152	999	923	121	109
Welborn Memorial Baptist Hospital	1,225	538	528	75	84
VERMILLION	183	75	83	15	10
Vermillion County Hospital	183	75	83	15	10
VIGO	2,007	944	898	82	83
Terre Haute Regional Hospital	409	182	185	15	27
Union Hospital, Inc.	1,598	762	713	67	56
WABASH	406	169	164	28	45
Wabash County Memorial Hospital	406	169	164	28	45
WARRICK	1	1	0	0	0
Warrick Hospital	1	1	0	0	0
WASHINGTON	234	102	106	12	14
Washington County Memorial Hospital	234	102	106	12	14
WAYNE	1,076	515	469	49	43
Reid Memorial Hospital	1,076	515	469	49	43
WELLS	618	274	278	32	34
Wells County Hospital	219	97	96	13	13
Clinic Hospital	399	177	182	19	21
WHITE	204	100	84	5	15
White County Memorial Hospital	204	100	84	5	15
WHITLEY	344	158	147	12	27
Whitley County Memorial Hospital	344	158	147	12	27
Facility unknown (Includes resident out of state)	3,523	1,576	1,520	201	226

Source: ISBH-Public Health Statistics

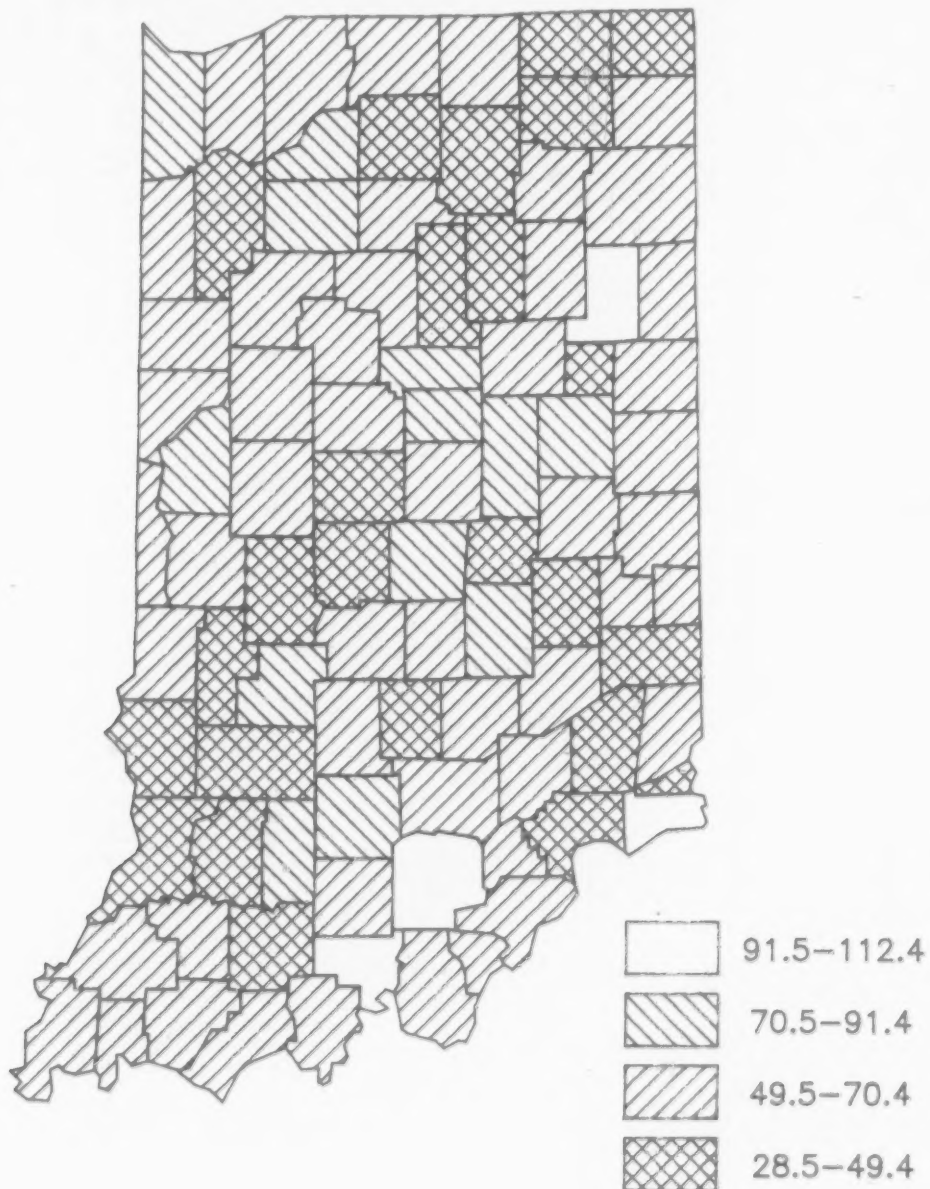
Map 3-1

BIRTH RATES PER 1,000 POPULATION, INDIANA, 1986



Source: ISBH—Public Health Statistics

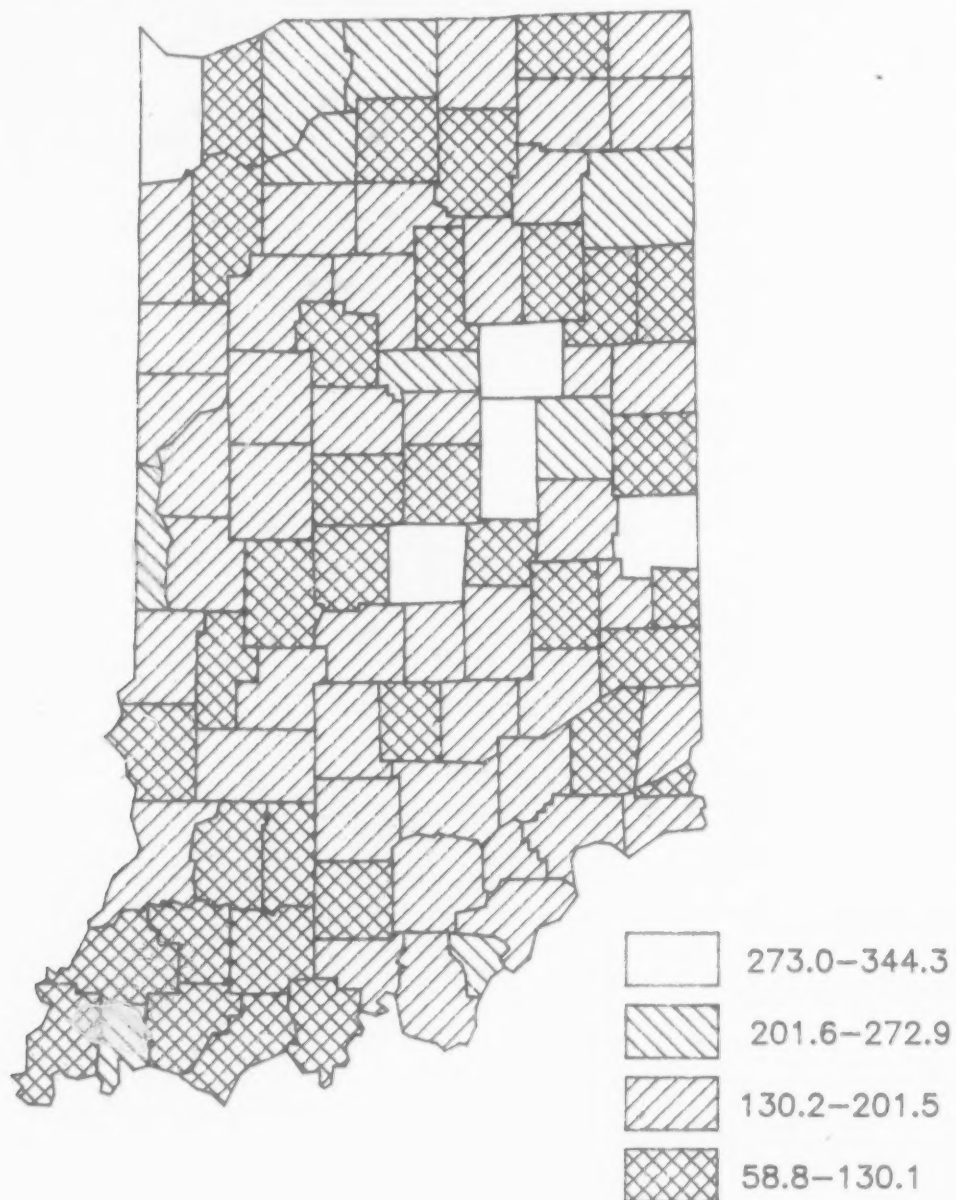
Map 3-2
LOW BIRTH WEIGHT RATES PER 1,000
LIVE BIRTHS, INDIANA, 1986



Source: ISBH—Public Health Statistics

Map 3-3

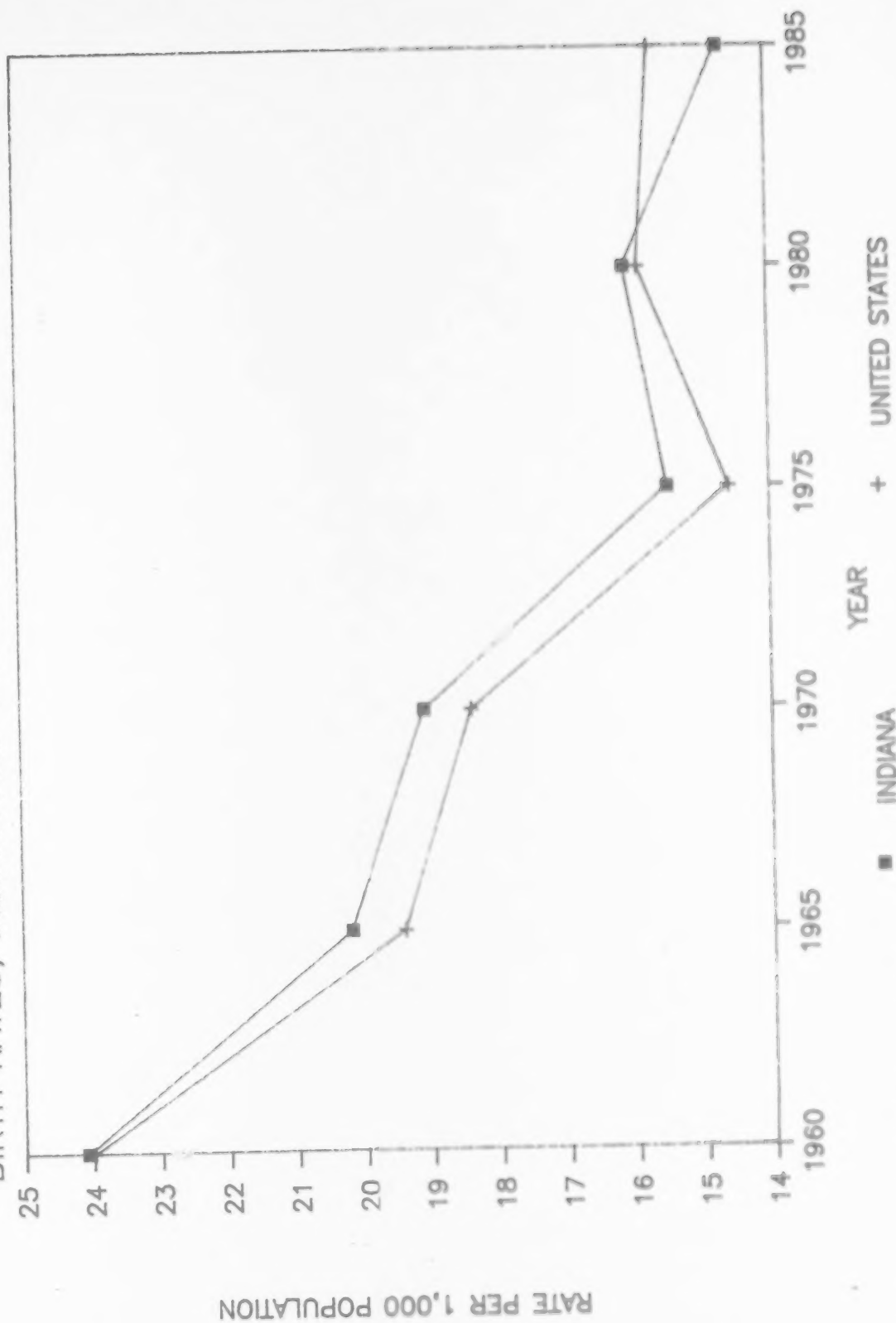
OUT OF WEDLOCK BIRTH RATES PER
1,000 LIVE BIRTHS, INDIANA, 1986



Source: ISBH—Public Health Statistics

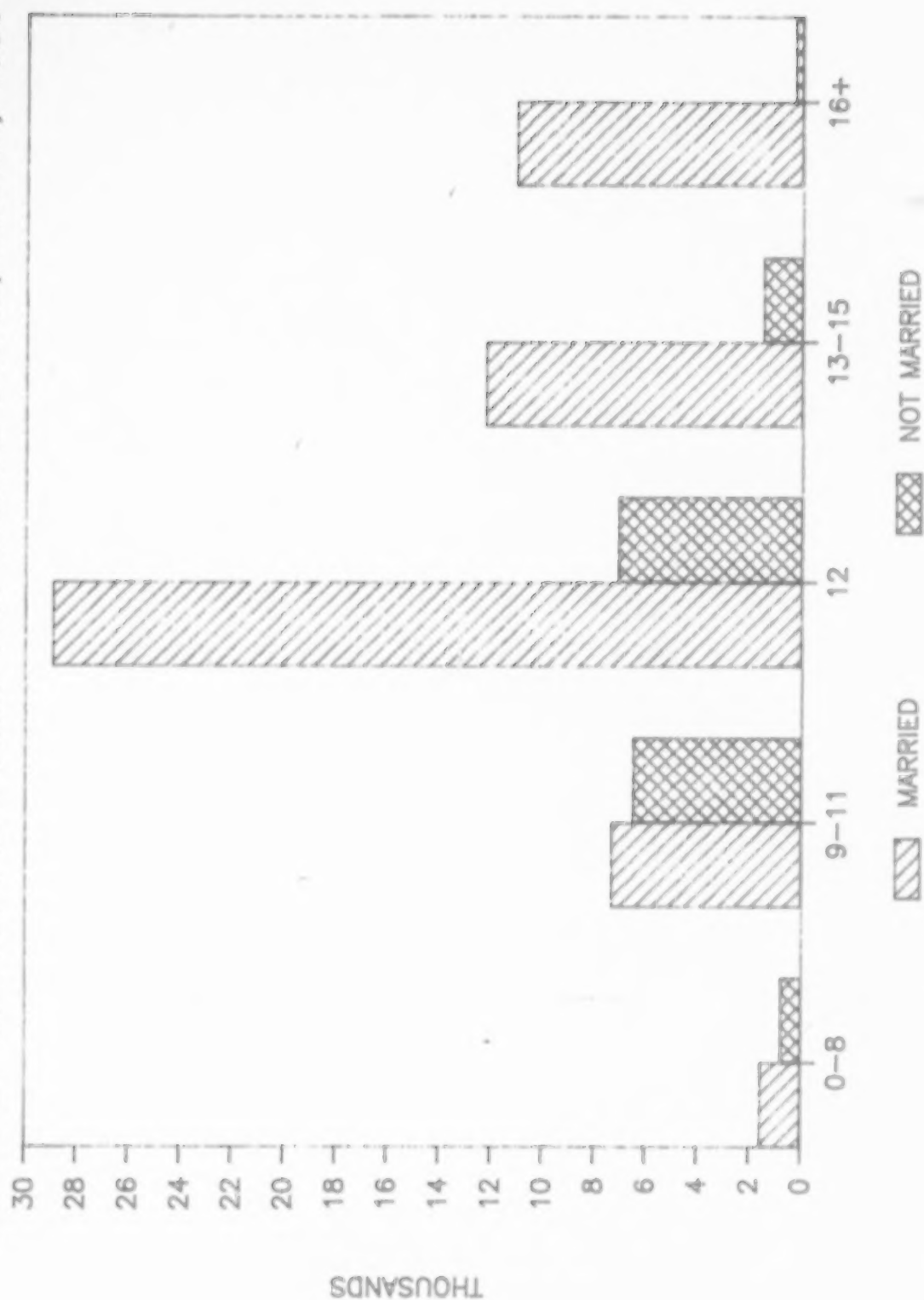
Figure 3-1

BIRTH RATES, INDIANA AND THE UNITED STATES, 1960 - 1985



Source: ISBH—Public Health Statistics

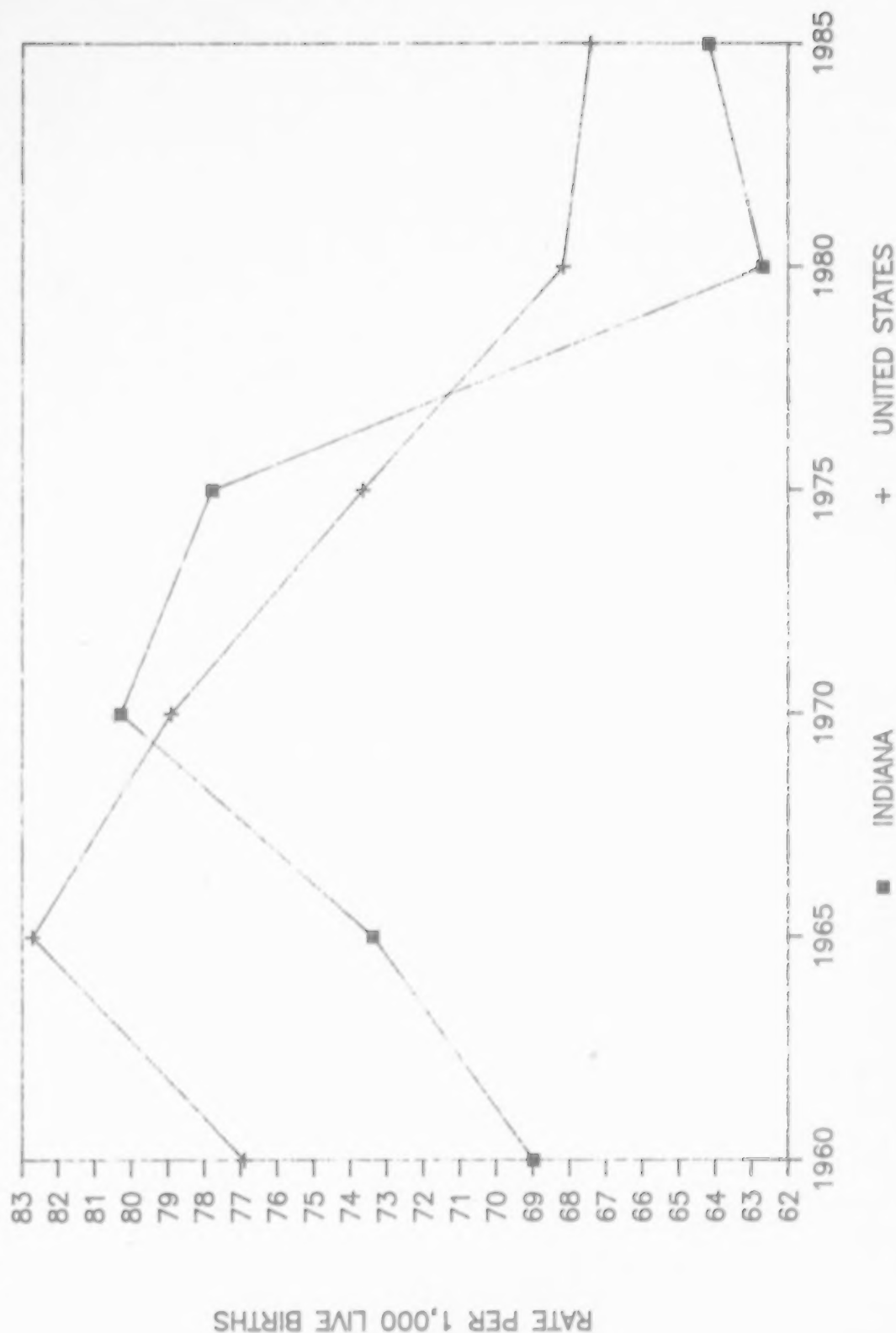
Figure 3-2
BIRTHS BY MOTHER'S EDUCATION AND MARITAL STATUS, INDIANA, 1986



Source: ISBH—Public Health Statistics

Figure 3--3

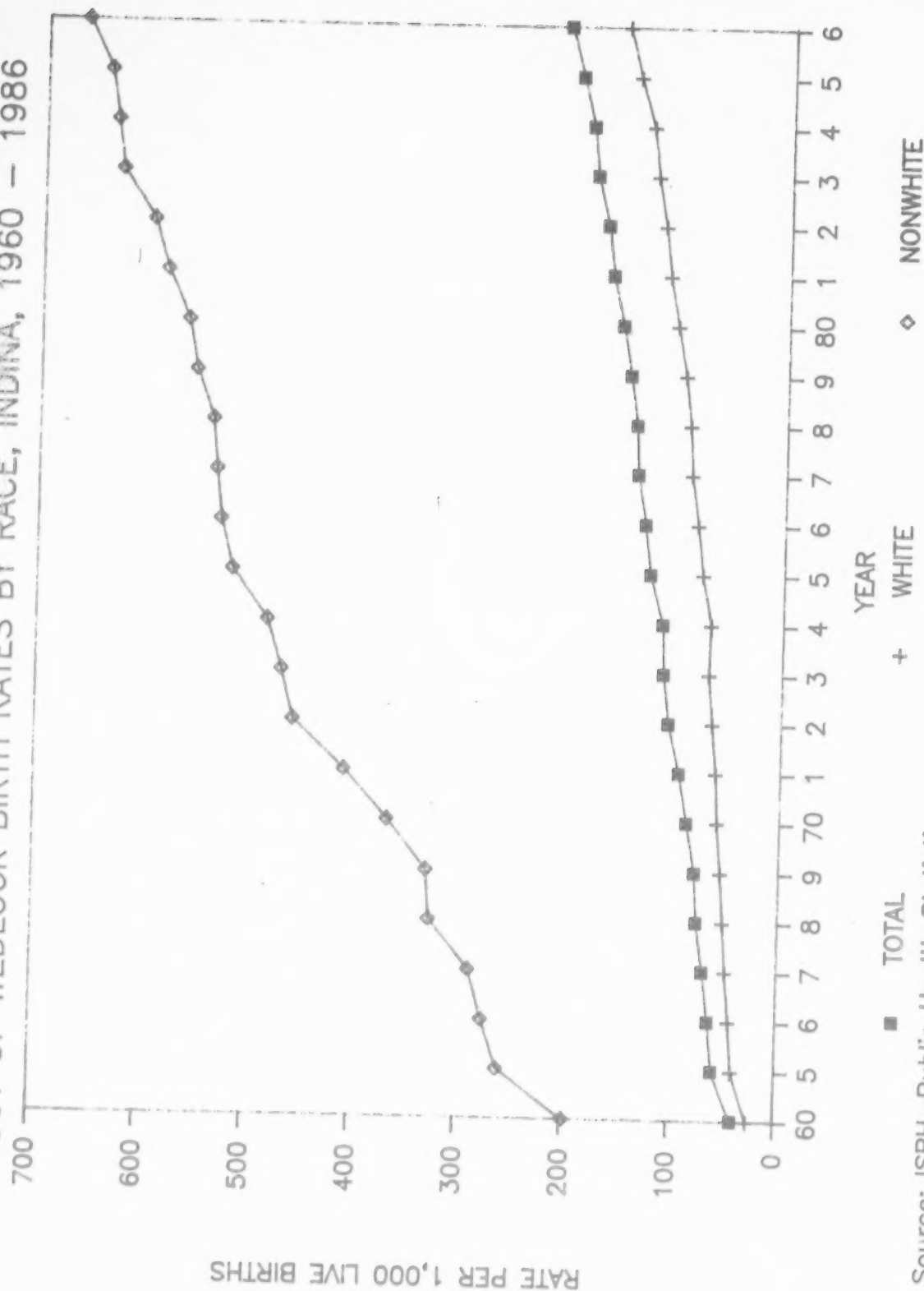
LOW WEIGHT BIRTH RATES, INDIANA AND THE UNITED STATES, 1960 - 1985



Source: ISBH—Public Health Statistics

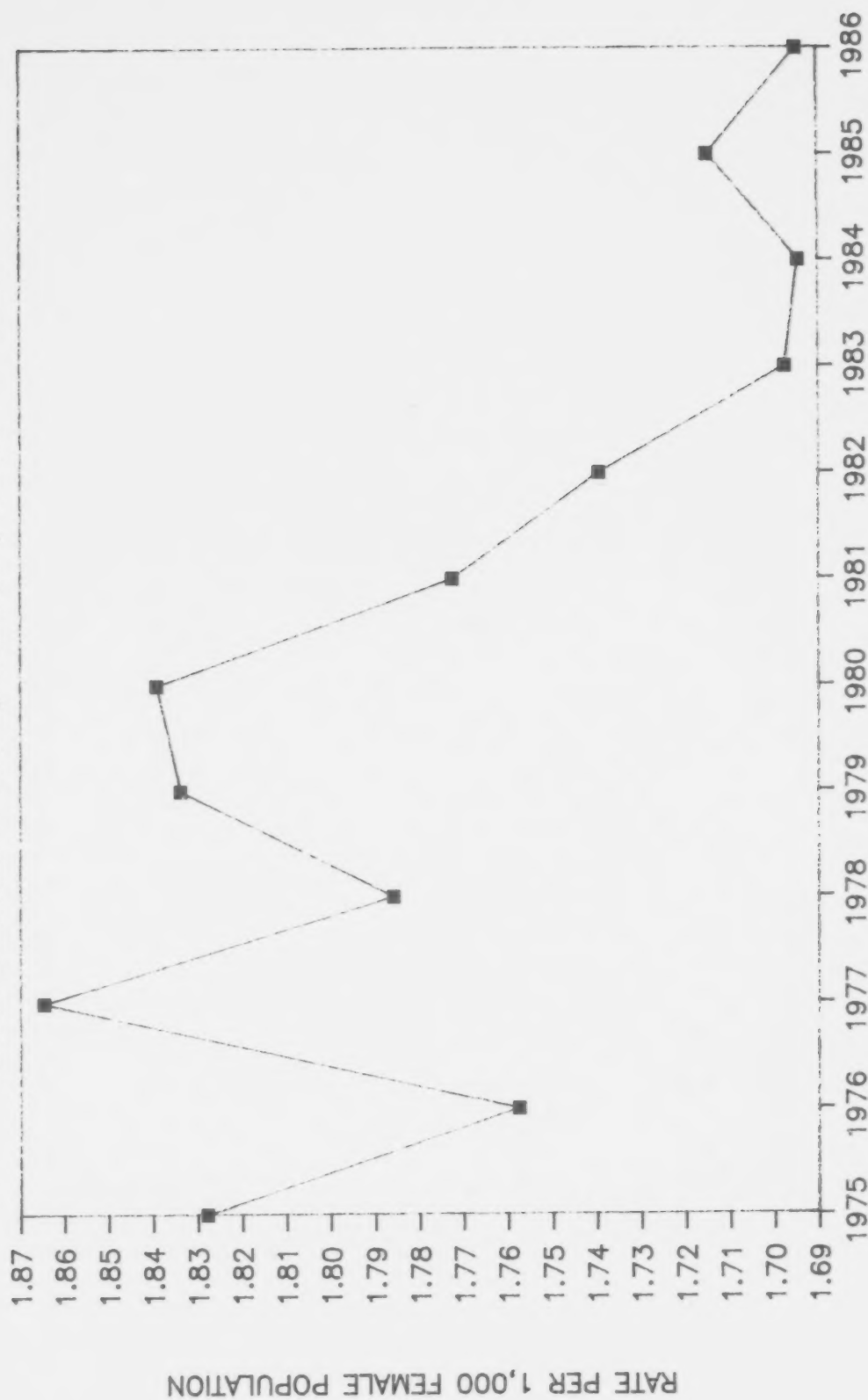
Figure 3-4

OUT OF WEDLOCK BIRTH RATES BY RACE, INDIANA, 1960 - 1986



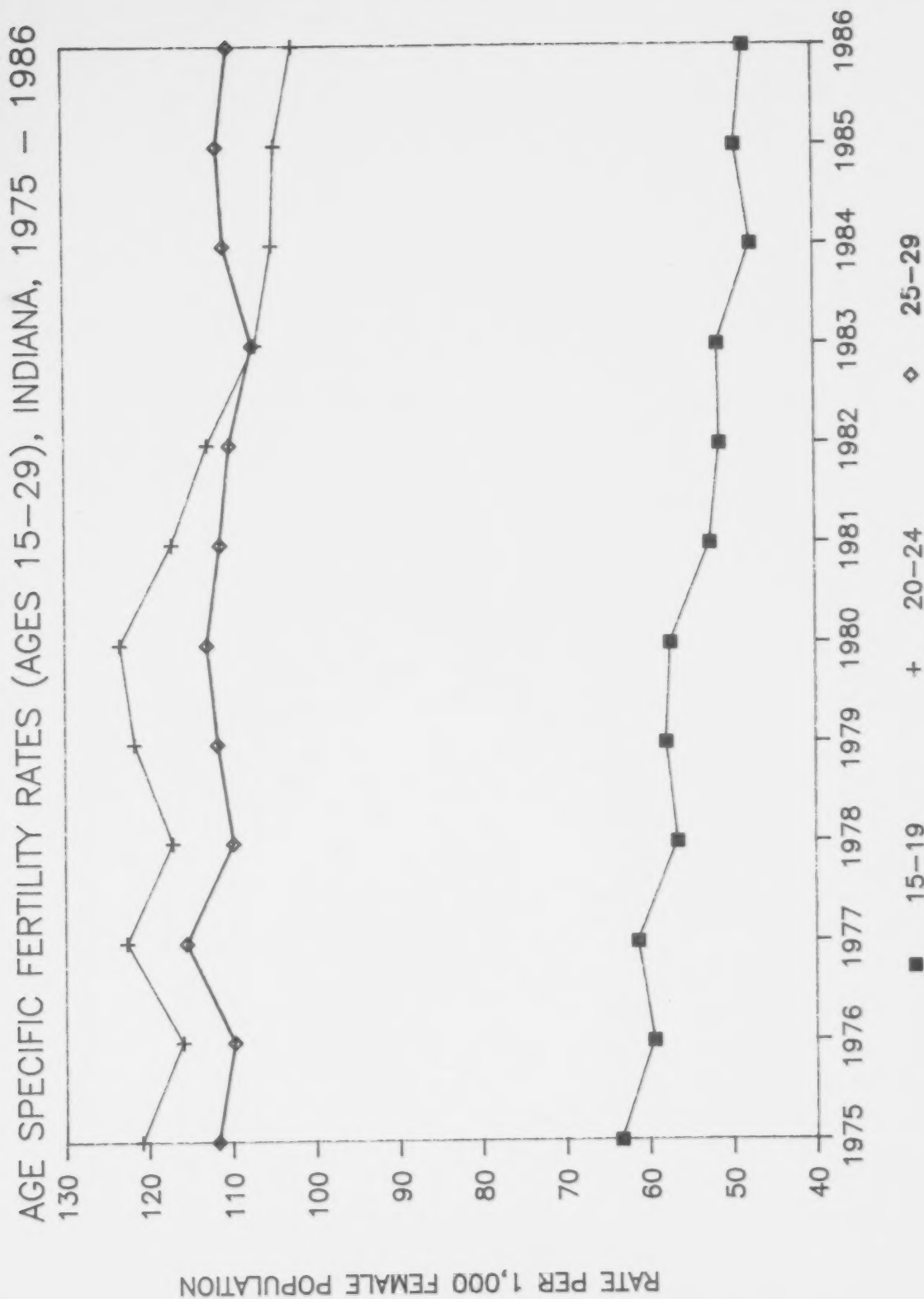
Source: ISBH—Public Health Statistics

Figure 3-5
TOTAL FERTILITY RATE, INDIANA, 1975 - 1986



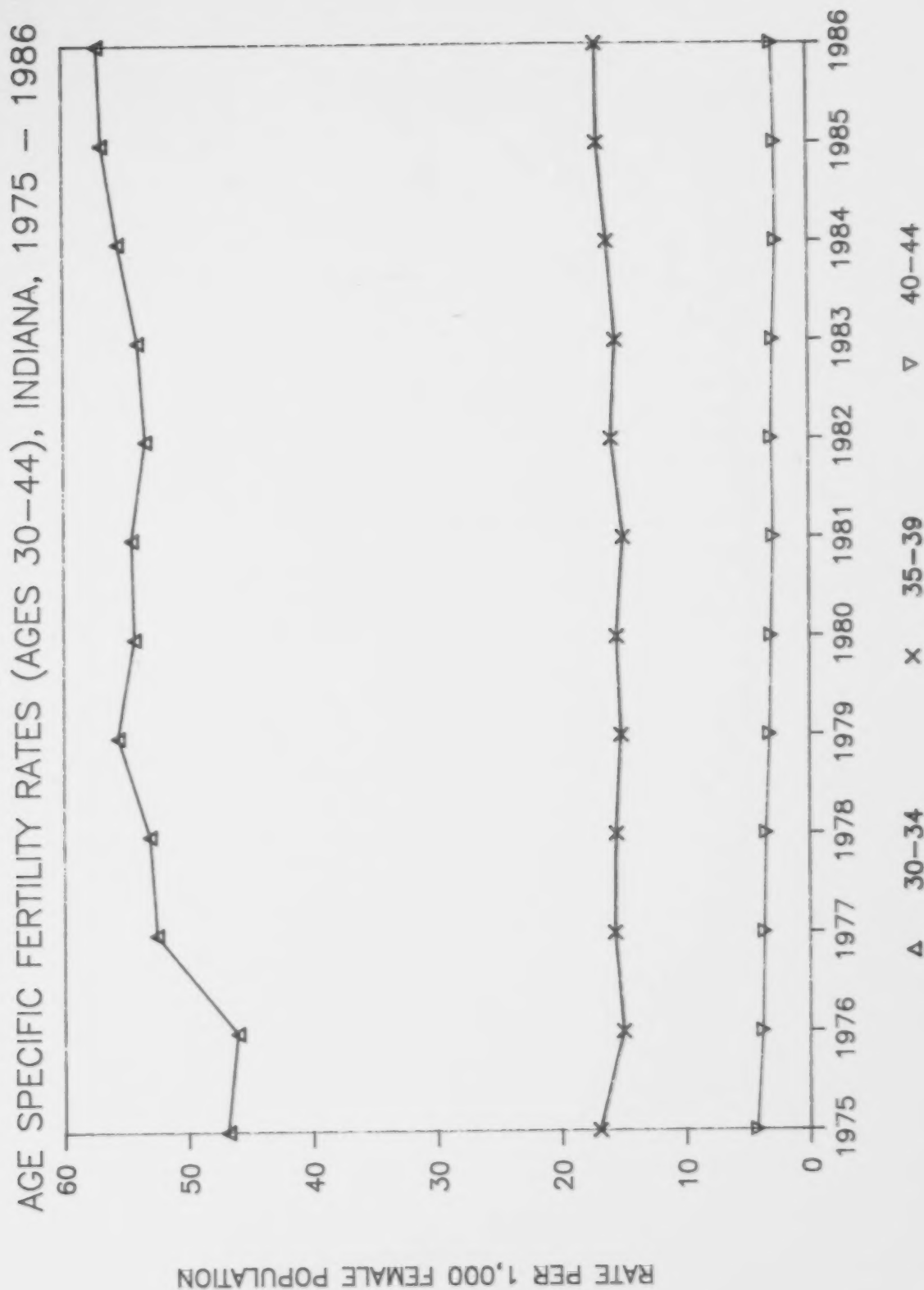
Source: ISBH—Public Health Statistics

Figure 3-6



Source: ISBH—Public Health Statistics

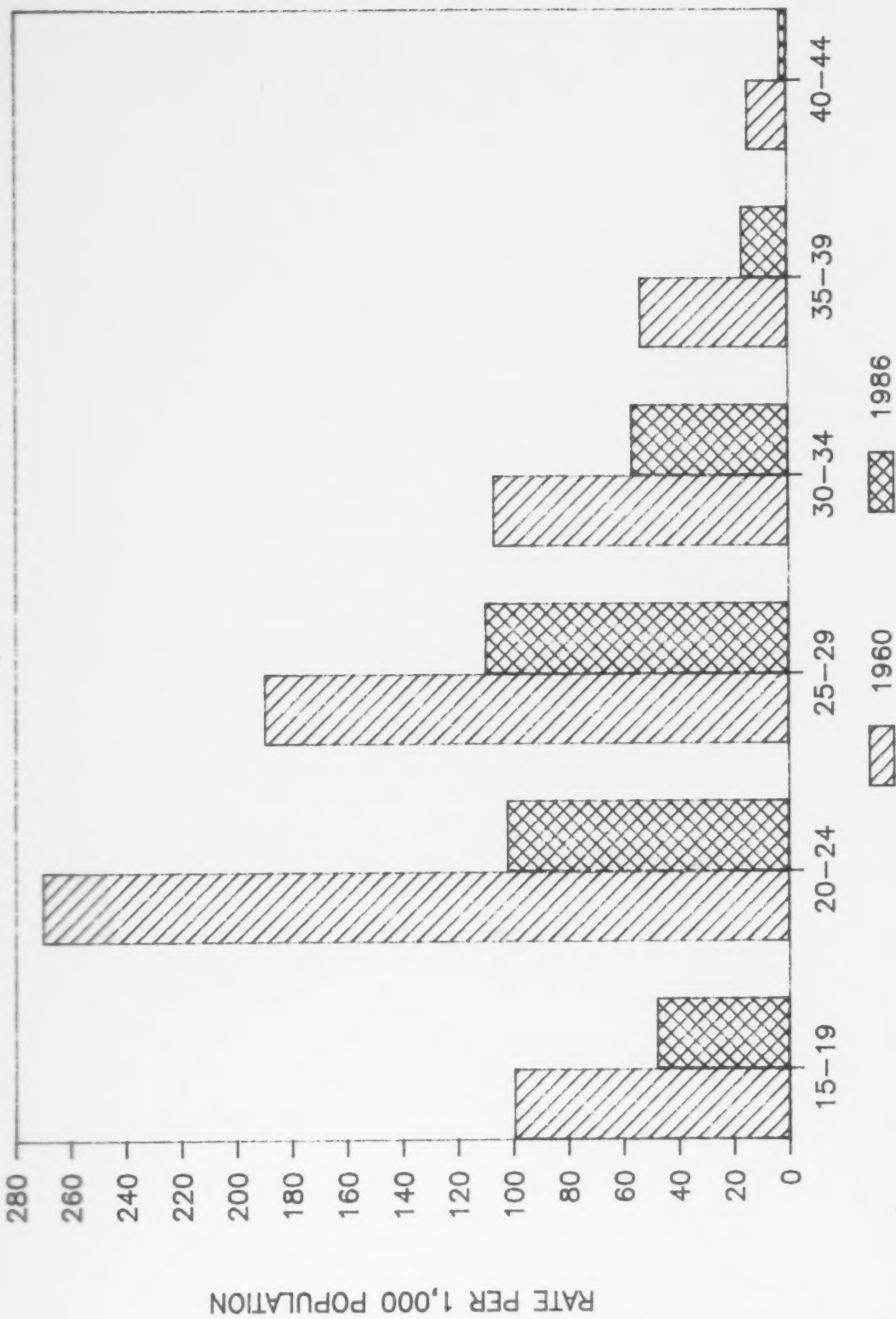
Figure 3-7



Source: ISBH—Public Health Statistics

Figure 3-8

AGE SPECIFIC FERTILITY RATES (AGES 15-44), INDIANA, 1960 & 1986



Source: ISBH—Public Health Statistics

'86

Mortality

All data contained in this section refer to Indiana residents, unless otherwise specified, regardless of place of occurrence.

Indiana's mortality, which has trended downward throughout this century, appears to be stabilizing over the past three years with the adjusted rate for 1986 slightly higher than that for 1984.

Selected information concerning mortality in Indiana and the United States is given in Table 4-1.

The mortality rate, adjusted to 1980 U.S. population, shows a marked decline for both the State and the Nation from 1960 through 1982 with a leveling off since then. The Indiana rate was slightly higher than the U.S. for each of the listed years.

From 1960 to 1980, the infant mortality rate was halved in both Indiana and the United States. Since then, the Indiana rate has tended to plateau while the National rate has continued to decline. As a result, the Indiana rates for 1983, 1985, and 1986 were higher than the U.S., a condition which has not prevailed for many years. Over this period, neonatal death rates for the State and Nation have been very comparable.

Because there are so few maternal deaths the rate has fluctuated considerably; but, the trend has been downward at both the State and National levels. The same is true for the fetal death rate.

Table 4-2 gives 1986 Indiana resident deaths by certain causes, with the number of deaths, death rates, and the percent of all deaths attributed to each cause.

The median ages for deaths from major causes are given in Table 4-3. It will be noted that among diseases, only cancer and cirrhosis of the liver have median ages under 70. On the other hand, all violent deaths have much lower median ages indicating that death totals alone do not give the full significance of the impact of accidents, homicides, and suicides.

Leading causes of death for all ages and for selected age groups appear in Tables 4-4 through 4-4J. As has been the case for many years, heart, cancer, and stroke are the three leading causes of death, but their major effects are not apparent until after age 45. From age 1 to 45, violent causes account for over half of the deaths recorded.

Table 4-5 and Table 4-5A, respectively, show the figures for the selected causes of death and death rates for the State, Health Service Area and Subarea, County, and City over 5,000 population in 1980.

The number of deaths for major causes by age, race and sex are given in Table 4-6. Death rates for major causes are given in Table 4-6A.

The number of resident deaths and death rates by month (adjusted for length of month) for each year 1980 through 1986, and for the seven-year period, are given in Table 4-7. In that period, January 1981 had the most deaths (4,805) and September 1983 had the fewest (3,516). For the entire period, January had the most deaths and September the fewest, but the adjusted death rate for August was the lowest.

Tables 4-8 and 4-8A give the number of deaths by autopsy status, race, sex, and year.

The three tables in the 4-9 through 4-9B series give deaths and the percentage of deaths by certifier, year, autopsy status, race, and sex.

The number of resident deaths and death rates by age for the years 1980 through 1986, and for the seven year-period, are given in Table 4-10. After the first year, which is more hazardous than any prior to the late 50's, the 1-4 age group rate drops sharply. This trend continues through the 5-14 age group (the safest time in human life) after which the rates starts upward and continues to increase with advancing age.

A comparison of accidental death (accidental deaths are equivalent to unintentional injury) rates between Indiana and the United States is given in Table 4-11. Since 1960, rates for the State and the Nation have been comparable with both showing drops over the years. In each case, mortality from accidents, other than motor vehicles, declined more rapidly than motor vehicle deaths.

Table 4-12 breaks down accidental deaths occurring in Indiana by age, major type, race, and sex.

The series of 4-13 tables give infant, neonatal, perinatal, fetal, and maternal mortality and rates for the State, each Health Service Area, Subarea, County, and City of over 5,000 in 1980. The series consists of a Total table and one each for White and Nonwhite. Central Indiana had the highest infant death rates and Southern Indiana the lowest. Nonwhite rates were more than twice as high as White.

The 4-14 tables give infant mortality, under one year of age and by cause and infant age, with separate tables for Total, White, and Nonwhite.

Data on the cause of death for each maternal death among Indiana residents are given on Table 4-15. Maternal deaths for the 1980 through 1986 period are reported by year, cause of death, age, and county of residence.

Table 4-1

AGE, RACE, AND SEX ADJUSTED* MORTALITY RATES; INFANT, NEONATAL,
AND MATERNAL DEATH RATES; AND FETAL DEATH RATES, BY SELECTED
YEARS, INDIANA RESIDENCE AND THE UNITED STATES, 1960 - 1985

YEAR	ADJUSTED DEATH RATE		INFANT DEATH RATE(a)		NEONATAL DEATH RATE(b)		MATERNAL DEATH RATE(c)		FETAL DEATH RATE(d)	
	INDIANA	U.S.	INDIANA	U.S.	INDIANA	U.S.	INDIANA	U.S.	INDIANA	U.S.
1960	11.464	11.412	24.2	26.0	17.5	18.7	22.2	37.1	13.9	16.1
1965	11.497	11.137	23.9	24.7	17.6	17.7	34.7	31.6	12.9	16.2
1970	10.727	10.512	19.4	20.0	14.9	15.1	17.1	21.5	12.5	14.2
1975	9.693	9.339	14.8	16.1	10.6	11.8	13.4	12.8	10.4	10.7
1980	9.017	8.830	11.9	12.6	7.9	8.5	5.7	9.2	8.5	9.2
1985	8.549	8.288	10.9	10.6	7.6	7.0	6.2	7.8	7.4	

* Adjusted to U.S. Population, 1980

(a) Deaths Under One Year of Age per 1,000 Live Births

(b) Deaths Under 28 Days per 1,000 Live Births

(c) Maternal Deaths per 100,000 Live Births

(d) Fetal Deaths per 1,000 Live Births

Source: ISBH-Public Health Statistics

Table 4-2

NUMBER OF DEATHS, DEATH RATES*, AND PERCENT OF ALL
DEATHS, BY SELECTED CAUSES, INDIANA RESIDENTS, 1986

CAUSES	NUMBER	RATE*	% ALL DEATHS
ALL CAUSES	49,257	894.9	100.00
INFECTIVE & PARASITIC DISEASES	622	11.3	1.26
INTESTINAL INFECTIOUS DISEASES	5	0.1	0.01
TUBERCULOSIS	31	0.6	0.06
SEPTICEMIA	451	8.2	0.92
OTHER BACTERIAL DISEASES	21	0.4	0.04
INFECTIOUS HEPATITIS	7	0.1	0.01
OTHER VIRAL DISEASES	34	0.6	0.07
SYPHILIS AND OTHER V.D.	2	0.0	0.00
OTHER	71	1.3	0.15
NEOPLASMS & LEUKEMIA	11,310	205.5	22.96
MALIGNANT NEOPLASMS	11,172	203.0	22.68
OTHER - UNSPECIFIED	138	2.5	0.28
ALLERGIC, ENDOCRINE SYSTEM, METABOLIC & NUTRITIONAL DISEASES	1,335	24.3	2.71
DIABETES MELLITUS	968	17.6	1.96
DISEASES OF THYROID GLAND	17	0.3	0.04
NUTRITIONAL DEFICIENCY	82	1.5	0.17
AIDS	39	0.7	0.08
OTHER	229	4.2	0.46
DISEASES OF THE BLOOD & BLOOD FORMING ORGANS	172	3.1	0.35
ANEMIA	78	1.4	0.16
OTHER	94	1.7	0.19
MENTAL DISORDERS	374	6.8	0.76
ALCOHOLISM	79	1.4	0.16
DRUG DEPENDENCE	7	0.1	0.01
OTHER	288	5.2	0.59
DISEASES OF NERVOUS SYSTEM & SENSE ORGANS	822	14.9	1.67
MENINGITIS (EXC. MENINGOCOCCAL - TUBERCULOUS)	23	0.4	0.05
OTHER INFLAMMATORY DISEASE OF C.N.S.	13	0.2	0.03
PARKINSON'S DISEASE	119	2.2	0.24
MULTIPLE SCLEROSIS	48	0.9	0.10
EPILEPSY	36	0.7	0.07
MUSCULAR DYSTROPHY	30	0.5	0.06
ALZHEIMER'S DISEASE	265	4.8	0.54
OTHER DISEASES OF C.N.S.	282	5.1	0.57
OTHER	6	0.1	0.01

Table 4-2

NUMBER OF DEATHS, DEATH RATES*, AND PERCENT OF ALL
DEATHS, BY SELECTED CAUSES, INDIANA RESIDENTS, 1986

CAUSES	NUMBER	RATE*	% ALL DEATHS
DISEASES OF THE CIRCULATORY SYSTEM	23,699	430.6	48.11
ALL DISEASES OF HEART	18,272	332.0	37.1
CEREBROVASCULAR DISEASE	3,972	72.2	8.06
HYPERTENSIVE DISEASES	196	3.6	0.40
DISEASES OF ARTERIES	1,168	21.2	2.37
DISEASES OF VEINS	45	0.8	0.09
OTHER	46	0.8	0.09
DISEASES OF THE RESPIRATORY SYSTEM	3,943	71.6	8.01
BRONCHITIS	75	1.4	0.15
PNEUMONIA	1,416	25.7	2.88
INFLUENZA	46	0.8	0.09
EMPHYSEMA	382	6.9	0.78
ASTHMA	86	1.6	0.18
PNEUMOCONIOSIS, ETC.	139	2.5	0.28
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	1,450	26.4	2.94
OTHER	349	6.3	0.71
DISEASES OF THE DIGESTIVE SYSTEM	1,542	28.0	3.13
ULCER OF STOMACH & DUODENUM	150	2.7	0.30
GASTRITIS, ETC.	222	4.1	0.45
APPENDICITIS	8	0.1	0.02
HERNIA & INTESTINAL OBSTRUCTION	133	2.4	0.27
CIRRHOSIS OF THE LIVER	428	7.8	0.87
DISEASES OF THE GALLBLADDER	84	1.5	0.17
OTHER	517	9.4	1.05
DISEASES OF THE GENITOURINARY SYSTEM	1000	18.2	2.03
NEPHRITIS & NEPHROSIS	598	10.9	1.21
INFECTIONS OF KIDNEY	40	0.7	0.08
OTHER DISEASES OF URINARY SYSTEM	323	5.9	0.66
DISEASES OF MALE GENITAL ORGANS	27	0.5	0.06
OTHER	12	0.2	0.02
MATERNAL	4	0.1	0.01
DISEASES OF THE SKIN & SUBCUTANEOUS TISSUE	68	1.2	0.14
DISEASES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE	147	2.7	0.30
CONGENITAL ANOMALIES	272	4.9	0.55
CERTAIN CAUSES OF PERINATAL MORTALITY	437	7.9	0.89
SYMPTOMS & ILL-DEFINED CONDITIONS	524	9.5	1.06
SUDDEN INFANT DEATH SYNDROME	126	2.3	0.26
OTHER	398	7.2	0.80

Table 4-2

NUMBER OF DEATHS, DEATH RATES*, AND PERCENT OF ALL
DEATHS, BY SELECTED CAUSES, INDIANA RESIDENTS, 1986

CAUSES	NUMBER	RATE*	% ALL DEATHS
INJURY & POISONING	2,986	54.3	6.06
ACCIDENTS	1,967	35.7	3.99
MOTOR VEHICLE	1,063	19.3	2.16
POISONING	57	1.0	0.12
FALLS	243	4.4	0.49
FIRE & EXPLOSION	141	2.6	0.29
DROWNING	77	1.4	0.15
INHALATION & INGESTION	35	0.6	0.07
FIREARMS	29	0.5	0.06
ELECTRIC CURRENT	33	0.6	0.07
OTHER	219	4.0	0.44
SUICIDE	644	11.7	1.31
HOMICIDE	301	5.5	0.61
OTHER	74	1.3	0.15

* Per 100,000 Population

Source: ISBH-Public Health Statistics

Table 4-3

MEDIAN AGE AT DEATH, BY SELECTED
CAUSES, INDIANA RESIDENTS, 1986

CAUSE	AGE
PNEUMONIA	82.5
HERNIA - INTERNAL OBSTRUCTION	81.7
DISEASES OF ARTERIES	81.4
CEREBROVASCULAR DISEASE	80.7
NEPHRITIS - NEPHROSIS	80.6
ALZHEIMER'S DISEASE	79.8
SEPTICEMIA	79.0
ULCER OF STOMACH - DUODENUM	78.4
PARKINSON'S DISEASE	78.3
DISEASES OF HEART	77.4
OTHER HYPERTENSIVE DISEASES	77.2
GASTRITIS, ETC.	76.7
ALL CAUSES	74.5
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	74.5
DIABETES MELLITUS	73.8
EMPHYSEMA	73.5
CANCER	69.7
CIRRHOSIS OF LIVER	63.3
ACCIDENTS (EX. MVA)	56.7
SUICIDE	39.5
HOMICIDE	30.3
MOTOR VEHICLE ACCIDENTS	29.0

Source: ISBH-Public Health Statistics

Table 4-4

TEN LEADING CAUSES OF DEATH, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS
HEART	18,272	37.10
CANCER	11,172	22.68
STROKE	3,972	8.06
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	1,450	2.94
PNEUMONIA	1,416	2.87
ARTERIES	1,168	2.37
MOTOR VEHICLE ACCIDENTS	1,063	2.16
DIABETES	968	1.97
ACCIDENTS (EX. MOTOR VEHICLE)	904	1.84
SUICIDE	644	1.31
TEN LEADING CAUSES COMBINED	41,029	83.30
ALL CAUSES	49,257	100.00

Source: ISBH-Public Health Statistics

Table 4-4A

TEN LEADING CAUSES OF DEATH UNDER ONE
YEAR OF AGE, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS UNDER ONE YEAR OF AGE
CONGENITAL ANOMALIES	199	22.41
SUDDEN INFANT DEATH SYNDROME	126	14.19
OTHER RESPIRATORY CONDITIONS	91	10.25
MATERNAL CAUSES	69	7.77
IMMATURITY	65	7.32
RESPIRATORY DISTRESS SYNDROME	62	6.98
INFECTIONS SPECIFIC TO PERINATAL PERIOD	35	3.94
DISEASES OF HEART	23	2.59
INTRAUTERINE HYPOXIA & BIRTH ASPHYXIA	22	2.49
ACCIDENTS (EX. MOTOR VEHICLE)	15	1.69
TEN LEADING CAUSES COMBINED	707	79.62
ALL DEATHS UNDER ONE YEAR OF AGE	888	100.00

Source: ISBH-Public Health Statistics

Table 4-4B

LEADING* CAUSES OF DEATH, AGES
1-4, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 1-4
ACCIDENTS (EX. MOTOR VEHICLE)	57	31.67
MOTOR VEHICLE ACCIDENTS	25	13.89
CANCER	16	8.89
CONGENITAL ANOMALIES	16	8.89
HOMICIDE	15	8.33
LEADING CAUSES COMBINED	129	71.67
ALL DEATHS AGES 1-4	180	100.00

* Causes Accounting for 10 or More Deaths

Source: ISBH-Public Health Statistics

Table 4-4C

LEADING* CAUSES OF DEATH, AGES
5-14, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 5-14
ACCIDENTS (EX. MOTOR VEHICLE)	47	23.27
MOTOR VEHICLE ACCIDENTS	45	22.28
CANCER	28	13.86
LEADING CAUSES COMBINED	120	59.41
ALL DEATHS AGES 5-14	202	100.00

* Causes Accounting for 10 or More Deaths

Source: ISBH-Public Health Statistics

Table 4-4D

LEADING* CAUSES OF DEATH, AGES
15-24, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 15-24
MOTOR VEHICLE ACCIDENTS	341	40.74
SUICIDE	115	13.74
ACCIDENTS (EX. MOTOR VEHICLE)	82	9.80
HOMICIDE	72	8.60
CANCER	63	7.53
DISEASES OF HEART	21	2.51
TRAUMA (UNDETERMINED CIRCUMSTANCES)	17	2.03
CONGENITAL ANOMALIES	14	1.67
MUSCULAR DYSTROPHY	10	1.20
LEADING CAUSES COMBINED	735	87.82
TOTAL DEATHS AGES 15-24	837	100.00

* Causes Accounting for 10 or More Deaths

Source: ISBH-Public Health Statistics

Table 4-4E

TEN LEADING CAUSES OF DEATH, AGES
25-44, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 25-44
CANCER	481	19.43
MOTOR VEHICLE ACCIDENTS	369	14.91
DISEASES OF HEART	363	14.67
SUICIDE	251	10.14
ACCIDENTS (EX. MOTOR VEHICLE)	175	7.07
HOMICIDE	134	5.41
CEREBROVASCULAR DISEASE	71	2.87
DIABETES MELLITUS	47	1.90
CIRRHOISIS OF LIVER	44	1.78
PNEUMONIA	30	1.21
LEADING CAUSES COMBINED	1,965	79.39
ALL DEATHS AGES 25-44	2,475	100.00

Source: ISBH-Public Health Statistics

Table 4-4F

TEN LEADING CAUSES OF DEATH, AGES
45-54, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 45-54
CANCER	909	35.00
DISEASES OF HEART	837	32.23
CEREBROVASCULAR DISEASE	109	4.20
MOTOR VEHICLE ACCIDENTS	88	3.39
CIRRHOSIS OF LIVER	71	2.73
ACCIDENTS (EX. MOTOR VEHICLE)	67	2.58
SUICIDE	65	2.50
DIABETES MELLITUS	42	1.62
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	39	1.50
HOMICIDE	26	1.00
LEADING CAUSES COMBINED	2,253	86.75
ALL DEATHS AGES 45-54	2,597	100.00

Source: ISBH-Public Health Statistics

Table 4-4G

TEN LEADING CAUSES OF DEATH, AGES
55-64, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 55-64
CANCER	2,510	37.13
DISEASES OF HEART	2,324	34.38
CEREBROVASCULAR DISEASE	306	4.53
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	204	3.02
DIABETES MELLITUS	146	2.16
CIRRHOSIS OF LIVER	117	1.73
DISEASES OF ARTERIES	95	1.41
PNEUMONIA	88	1.30
SUICIDE	87	1.29
MOTOR VEHICLE ACCIDENTS	71	1.05
LEADING CAUSES COMBINED	5,948	88.00
ALL DEATHS AGES 55-64	6,759	100.00

Source: ISBH-Public Health Statistics

Table 4-4H

TEN LEADING CAUSES OF DEATH, AGES
65-74, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 65-74
DISEASES OF HEART	4,251	37.24
CANCER	3,414	29.91
CEREBROVASCULAR DISEASE	737	6.46
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	501	4.39
DIABETES MELLITUS	274	2.40
DISEASES OF ARTERIES	235	2.06
PNEUMONIA	199	1.74
EMPHYSEMA	137	1.20
CIRRHOSIS OF LIVER	130	1.14
ACCIDENTS (EX. MOTOR VEHICLE)	123	1.08
LEADING CAUSES COMBINED	10,001	87.62
ALL DEATHS AGES 65-74	11,414	100.00

Source: ISBH-Public Health Statistics

Table 4-4I

TEN LEADING CAUSES OF DEATH, AGES
75-84, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 75-84
DISEASES OF HEART	5,683	41.72
CANCER	2,700	19.82
CEREBROVASCULAR DISEASE	1,361	9.99
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	533	3.91
PNEUMONIA	475	3.49
DISEASES OF ARTERIES	346	2.54
DIABETES MELLITUS	312	2.29
NEPHRITIS & NEPHROSIS	200	1.47
ACCIDENTS (EX. MOTOR VEHICLE)	141	1.04
EMPHYSEMA	123	0.98
LEADING CAUSES COMBINED	11,884	87.24
ALL DEATHS AGES 75-84	13,622	100.00

Source: ISBH-Public Health Statistics

Table 4-4J

TEN LEADING CAUSES OF DEATH, AGES
85+, INDIANA RESIDENTS, 1986

CAUSE	DEATHS	% OF ALL DEATHS AGES 85+
DISEASES OF HEART	4,760	45.86
CEREBROVASCULAR DISEASE	1,381	13.30
CANCER	1,049	10.11
PNEUMONIA	576	5.55
DISEASES OF ARTERIES	450	4.34
NEPHRITIS & NEPHROSIS	199	1.92
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	162	1.56
SEPTICEMIA	146	1.41
DIABETES MELLITUS	139	1.34
MENTAL DISORDERS	137	1.32
LEADING CAUSES COMBINED	8,999	86.71
ALL DEATHS AGES 85+	10,379	100.00

Source: ISBH-Public Health Statistics

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	OTHER CHRONIC		PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
				CEREBRO- VASCULAR DISEASE	OBSTRUCTIVE PULMONARY DISEASES				
INDIANA	49,257	18,272	11,172	3,972	1,450	1,416	1,168	1,063	968
HSA 1	17,073	6,417	3,883	1,462	418	397	397	383	382
HSA 1-1	5,544	2,076	1,255	428	130	103	120	100	163
JASPER	196	76	36	14	9	4	3	10	3
LAKE	4,335	1,654	987	343	82	76	79	63	129
Cedar Lake	69	23	27	3	1	0	0	3	2
Crown Point	217	89	40	25	4	5	7	5	4
Dyer	70	28	18	3	1	1	0	2	2
East Chicago	358	132	79	28	2	6	7	5	13
Gary	1,294	474	275	110	17	16	14	8	50
Griffith	125	51	22	7	2	2	4	1	2
Hammond	814	328	192	51	18	16	18	12	16
Highland	177	62	50	17	1	4	5	1	5
Hobart	214	79	56	19	7	4	3	5	3
Lake Station	119	45	20	6	4	3	2	6	5
Lowell	44	15	12	4	2	2	0	1	1
Merrillville	274	107	63	30	5	9	6	4	7
Munster	170	72	32	19	3	3	2	3	6
Schererville	55	20	17	2	2	2	0	0	1
Whiting	120	43	30	10	5	1	3	1	4
NEWTON	127	46	23	9	5	3	2	5	6
PORTER	886	300	209	62	34	20	36	22	25
Chesterton	83	32	28	7	3	1	0	3	0
Portage	221	81	49	14	6	5	10	3	11
Valparaiso	266	78	54	21	10	6	18	3	3
1-2	6,085	2,344	1,364	489	153	166	153	153	116
CASS	435	179	91	33	16	10	15	11	6
Logansport	264	110	55	25	7	8	8	5	3
ELKHART	1,123	465	240	65	21	18	24	37	26
Elkhart	438	186	82	28	8	7	5	7	5
Goshen	209	98	44	8	7	5	9	6	2
FULTON	206	77	40	22	7	5	8	6	5
Rochester	83	34	13	9	3	2	1	1	3
LAPORTE	904	337	202	71	24	22	18	23	18
LaPorte	251	93	57	19	6	8	7	6	5
Michigan City	358	132	77	34	10	6	4	4	7
MARSHALL	366	127	80	38	6	15	17	12	10
Plymouth	117	36	24	17	2	9	3	2	4
MIAMI	341	142	71	17	9	12	14	10	5
Peru	180	78	39	8	6	7	5	0	2
PULASKI	146	69	31	15	2	2	1	4	2
ST. JOSEPH	2,321	839	558	215	62	63	55	45	41
Mishawaka	417	152	95	41	12	13	14	6	6
South Bend	1,279	951	308	118	38	35	26	25	25
STARKE	243	109	51	13	6	19	1	5	3

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS		NEPHRITIS &		CERTAIN CAUSES OF		EMPHYSEMA	HOMICIDE
	(EX. MVA)	SUICIDE	NEPHROSIS	SEPTICEMIA	PERINATAL MORTALITY	CIRRHOSIS OF LIVER		
INDIANA	904	644	598	451	437	428	382	301
HSA 1	310	214	198	115	149	162	146	131
HSA 1-1	105	69	62	43	56	64	55	69
JASPER	4	4	3	3	0	2	1	1
LAKE	76	49	47	32	50	55	44	63
Cedar Lake	2	1	0	0	1	1	0	0
Crown Point	0	0	1	5	2	4	1	0
Dyer	0	3	1	0	0	0	1	0
East Chicago	10	1	7	1	5	7	2	8
Gary	27	13	16	19	26	12	12	46
Griffith	2	4	1	0	1	3	2	0
Hammond	11	9	12	4	7	11	11	4
Highland	2	3	0	0	0	5	1	1
Hobart	5	4	0	2	2	2	2	1
Lake Station	4	3	2	0	3	2	1	0
Lowell	1	1	0	0	1	0	1	0
Merrillville	3	2	0	0	0	3	3	1
Munster	1	1	2	0	0	3	3	1
Schererville	1	0	0	0	0	2	1	0
Whiting	3	1	1	1	1	0	2	0
NEWTON	3	0	4	1	0	1	1	1
PORTER	22	16	8	7	6	6	9	4
Chesterton	1	0	0	1	0	1	0	0
Portage	9	6	2	2	1	0	3	2
Valparaiso	5	6	4	3	2	2	4	0
1-2	97	78	67	46	51	62	47	40
CASS	3	5	5	5	2	2	0	1
Logansport	2	1	3	2	1	1	0	1
ELKHART	13	22	10	8	7	5	23	4
Elkhart	4	9	2	4	4	5	14	2
Goshen	2	4	1	1	1	0	1	0
FULTON	1	2	4	0	2	2	1	0
Rochester	1	0	3	0	1	1	1	0
LAPORTE	14	10	13	9	10	20	2	5
LaPorte	4	4	3	3	2	3	1	0
Michigan City	7	4	5	3	6	11	0	4
MARSHALL	7	3	2	4	2	1	4	4
Plymouth	4	0	0	3	0	0	3	0
MIAMI	4	8	5	4	0	4	4	1
Peru	1	5	5	2	0	2	2	0
PULASKI	2	3	1	0	0	0	1	0
ST. JOSEPH	48	24	23	15	26	25	11	24
Mishawaka	6	7	4	3	6	4	1	1
South Bend	28	8	9	7	17	14	9	20
STARKE	5	1	4	1	2	3	1	1

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
INDIANA	272	265	222	196	150	133	126
HSA 1	101	85	68	64	51	46	53
HSA 1-1	36	19	20	20	13	16	19
JASPER	2	1	2	0	0	1	1
LAKE	26	11	12	16	10	11	17
Cedar Lake	0	0	0	0	0	0	0
Crown Point	2	0	1	0	0	1	0
Dyer	0	0	0	0	0	0	0
East Chicago	3	1	1	3	0	2	0
Gary	8	2	5	6	5	3	15
Griffith	3	0	0	0	0	0	0
Hammond	3	1	2	1	2	3	0
Highland	0	0	0	1	0	1	0
Hobart	0	0	0	1	2	0	1
Lake Station	0	0	1	1	0	0	0
Lowell	1	1	0	0	0	0	0
Merrillville	2	3	1	1	1	0	0
Munster	2	1	0	0	0	1	0
Schererville	0	1	0	1	0	0	0
Whiting	0	1	0	1	0	0	0
NEWTON	0	1	2	0	0	0	0
PORTER	8	6	4	4	3	4	1
Chesterton	1	0	1	0	0	0	0
Portage	2	1	0	1	1	0	0
Valparaiso	2	4	1	3	1	3	0
1-2	27	36	22	29	12	13	13
CASS	1	6	4	1	1	1	1
Logansport	0	5	3	1	0	1	0
ELKHART	9	8	6	10	0	1	2
Elkhart	6	1	4	4	0	0	1
Goshen	1	3	1	0	0	0	0
FULTON	0	0	1	0	1	0	1
Rochester	0	0	0	0	1	1	1
LAPORTE	3	6	1	3	2	2	2
LaPorte	2	1	1	2	0	0	2
Michigan City	0	4	0	1	0	2	0
MARSHALL	1	2	2	0	0	0	0
Plymouth	1	0	1	0	0	0	0
MIAMI	1	1	1	2	1	1	0
Peru	1	0	1	2	1	1	0
PULASKI	2	0	0	0	1	0	0
ST. JOSEPH	8	13	6	11	5	6	6
Mishawaka	0	4	1	2	0	0	1
South Bend	4	3	4	8	3	4	3
STARKE	2	0	1	2	1	0	1

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
1-3	5,444	1,997	1,264	545	135	128	124	130	103
ADAMS	245	80	55	27	9	5	7	3	6
Decatur	90	33	18	11	3	3	2	1	1
ALLEN	2,514	932	578	263	60	60	60	91	42
Fort Wayne	2,056	773	465	195	50	48	50	24	40
New Haven	76	26	22	8	1	2	4	0	1
DEKALB	299	104	64	37	7	3	8	14	6
Auburn	87	35	17	11	3	0	1	0	1
HUNTINGTON	375	122	84	49	9	9	7	3	13
Huntington	198	72	44	20	4	3	5	2	7
KOSCIUSKO	487	179	117	49	11	12	9	20	11
Warsaw	101	33	31	12	4	2	3	1	1
LAGRANGE	208	90	42	10	7	0	3	7	5
NOBLE	308	129	76	23	4	6	9	11	3
Kendallville	75	32	21	4	0	2	3	0	2
STEUBEN	202	74	53	10	10	6	2	7	5
Angola	56	25	14	3	2	3	1	0	0
WABASH	343	122	80	37	9	13	7	7	7
North Manchester	69	26	18	8	0	3	1	0	1
Wabash	123	35	34	17	5	5	2	3	1
WELLS	224	75	63	25	6	9	4	5	1
Bluffton	101	33	30	12	5	4	0	3	0
WHITLEY	239	90	52	18	3	5	8	12	4
Columbia City	81	32	18	8	2	2	2	2	0
HSA 2	19,202	6,904	4,373	1,405	652	596	444	420	364
2-1	10,223	3,445	2,411	685	357	362	223	227	189
BOONE	347	136	81	23	6	17	6	7	5
Lebanon	147	53	39	8	3	10	4	2	3
HAMILTON	543	190	119	29	21	15	9	11	10
Carmel	167	56	42	6	4	6	4	1	4
Noblesville	116	50	25	5	6	3	0	2	3
HANCOCK	326	132	60	17	14	6	8	5	5
Greenfield	124	57	20	5	5	4	5	1	1
HENDRICKS	519	162	129	43	16	29	6	17	12
Brownsburg	76	29	22	7	1	3	1	1	2
Plainfield	109	30	32	9	5	8	2	1	1
JOHNSON	686	238	159	45	15	26	21	20	13
Franklin	202	72	37	17	2	9	8	1	5
Greenwood	244	85	60	18	6	11	8	9	3
MARION	7,041	2,325	1,693	470	251	230	151	139	134
Beech Grove	151	59	42	9	3	4	2	2	2
Indianapolis	6,668	2,197	1,597	446	239	215	145	129	130
Lawrence	49	15	15	1	1	3	0	4	0
Speedway	66	20	18	4	3	4	1	2	2
MORGAN	416	143	93	27	20	23	11	16	5
Martinsville	148	55	30	10	8	9	2	4	3
Mooreville	70	14	19	5	8	4	1	3	1
SHELBY	349	119	77	31	14	16	11	12	5
Shelbyville	164	55	34	14	7	9	7	4	3

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)	SUICIDE	NEPHRITIS & NEPHROSIS		CERTAIN CAUSES OF PERINATAL MORTALITY		CIRRHOSIS	HOMICIDE
					OF LIVER	EMPHYSEMA		
1-3	108	67	69	26	42	36	44	22
ADAMS	6	4	4	0	1	2	1	1
Decatur	0	1	2	0	0	1	0	1
ALLEN	54	34	27	15	19	20	24	18
Fort Wayne	43	32	24	12	17	16	23	16
New Haven	3	1	0	1	1	0	1	0
DEKALE	5	4	4	3	4	2	3	0
Auburn	2	0	2	2	2	1	2	0
HUNTINGTON	12	2	7	3	2	1	1	0
Huntington	4	1	3	0	0	1	0	0
KOSCIUSKO	4	7	7	0	5	3	5	0
Warsaw	0	3	1	0	0	0	0	0
LAGRANGE	5	2	2	0	3	0	0	1
NOBLE	4	5	2	1	2	4	1	1
Kendallville	2	1	0	0	0	1	0	1
STEUBEN	3	3	1	0	1	1	3	0
Angola	1	1	0	0	1	0	1	0
WABASH	3	2	7	1	0	1	1	0
North Manchester	0	0	0	1	0	0	0	0
Wabash	2	0	2	0	0	0	1	0
WELLS	6	2	4	0	1	1	1	1
Bluffton	3	1	1	0	0	1	1	0
WHITLEY	6	2	4	3	4	1	4	0
Columbia City	1	0	3	0	1	1	2	0
HSA 2	335	275	251	223	207	178	153	121
2-1	167	159	147	147	140	116	72	91
BOONE	5	2	5	5	2	4	0	1
Lebanon	1	1	4	0	0	1	0	0
HAMILTON	14	15	13	15	8	4	5	2
Carmel	2	6	5	9	1	0	1	1
Noblesville	2	1	3	1	1	1	1	0
HANCOCK	7	5	2	4	2	3	3	1
Greenfield	2	1	1	1	0	1	1	0
HENDRICKS	9	9	4	7	5	2	6	3
Brownsburg	2	0	1	0	0	0	1	0
Plainfield	1	1	0	1	0	0	2	0
JOHNSON	9	12	6	7	9	3	10	2
Franklin	5	3	1	2	1	1	6	0
Greenwood	1	6	4	2	5	2	0	1
MARION	106	102	110	103	107	95	46	80
Beech Grove	4	5	4	1	1	1	0	0
Indianapolis	100	92	103	100	104	90	45	79
Lawrence	0	2	1	0	0	1	0	0
Speedway	0	2	0	1	0	2	1	0
MORGAN	7	7	6	5	4	4	1	2
Martinsville	3	2	3	1	1	1	1	0
Mooreville	2	1	1	1	1	1	0	1
SHELBY	10	7	1	1	3	1	1	0
Shelbyville	7	2	0	1	1	0	0	0

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
1-3	38	30	26	15	26	17	21
ADAMS	4	2	1	0	3	3	0
Decatur	2	0	0	0	2	3	0
ALLEN	19	10	8	10	10	5	13
Fort Wayne	11	10	8	10	9	5	12
New Haven	2	0	0	0	0	0	0
DEKALB	1	1	2	0	0	3	2
Auburn	1	0	1	0	0	1	1
HUNTINGTON	1	5	4	1	5	0	1
Huntington	1	3	2	0	5	0	1
KOSCIUSKO	0	4	2	0	3	3	2
Warsaw	0	0	0	0	2	0	0
LAGRANGE	3	1	2	0	1	0	0
NOBLE	3	0	2	1	1	1	1
Kendallville	1	0	1	0	1	0	0
STEUBEN	0	0	3	0	0	0	0
Angola	0	0	0	0	0	0	0
WABASH	4	3	1	0	2	0	0
North Manchester	2	2	0	0	1	0	0
Wabash	2	0	0	0	0	0	0
WELLS	2	2	0	1	1	2	1
Bluffton	0	1	0	0	1	2	1
WHITLEY	1	2	1	2	0	0	1
Columbia City	0	2	1	0	0	0	0
HSA 2	108	121	85	89	62	57	54
2-1	65	66	51	52	36	28	39
BOONE	3	3	3	0	0	2	0
Lebanon	1	0	1	0	0	0	0
HAMILTON	4	6	2	0	1	2	2
Carmel	1	0	1	0	0	1	0
Noblesville	1	0	0	0	1	0	0
HANCOCK	1	4	0	8	1	1	0
Greenfield	0	2	0	4	0	1	0
HENDRICKS	5	4	2	1	3	2	0
Brownsburg	0	0	0	1	0	0	0
Plainfield	1	3	1	0	1	0	0
JOHNSON	1	4	4	6	1	2	4
Franklin	0	0	1	2	0	1	0
Greenwood	1	2	1	0	1	1	2
MARION	49	39	35	34	27	19	32
Beech Grove	0	1	0	1	1	0	1
Indianapolis	47	33	34	32	25	19	31
Lawrence	0	0	0	0	0	0	1
Speedway	0	0	0	0	0	0	0
MORGAN	2	4	2	2	2	0	0
Martinsville	0	1	2	1	0	0	0
Mooreville	1	1	0	0	1	0	0
SHELBY	0	2	3	1	1	0	1
Shelbyville	0	1	2	0	0	0	0

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
2-2	4,915	1,960	1,065	376	155	124	120	96	105
BLACKFORD	122	54	23	10	7	2	3	0	1
Hartford City	67	26	14	7	7	1	2	0	0
DELAWARE	1,058	406	237	80	31	31	29	22	11
Muncie	744	272	166	58	22	25	22	17	7
FAYETTE	242	110	43	25	6	9	6	4	6
Connersville	176	76	33	20	4	6	6	3	3
FRANKLIN	153	73	33	9	5	3	3	1	3
HENRY	525	215	101	47	19	12	18	5	13
New Castle	262	101	50	28	5	6	11	2	6
JAY	216	87	45	18	8	4	15	6	4
Portland	94	39	15	8	5	2	10	4	2
MADISON	1,296	480	311	105	40	33	18	25	38
Alexandria	59	21	12	2	1	1	2	3	5
Anderson	710	271	169	57	25	20	11	7	15
Elwood	134	47	25	14	6	5	1	2	4
RANDOLPH	257	102	52	11	12	6	7	7	8
Union City	34	9	4	4	3	0	0	2	2
Winchester	69	32	13	2	6	1	1	2	2
RUSH	205	86	36	12	6	4	6	9	4
Rushville	95	43	13	7	4	2	4	0	3
UNION	68	28	17	2	0	1	0	2	1
WAYNE	773	319	167	57	21	19	15	15	16
Richmond	533	223	112	45	12	12	13	9	13
2-3	1,685	633	357	133	68	37	33	46	31
GRANT	740	262	168	65	35	16	15	24	16
Gas City	59	18	17	6	3	4	0	3	0
Marion	464	170	99	42	18	6	12	12	10
HOWARD	774	308	165	48	29	16	16	21	13
Kokomo	625	249	130	38	25	14	12	12	10
TIPTON	171	63	24	20	4	5	2	1	2
Tipton	75	31	11	10	2	0	2	1	0
2-4	2,375	866	540	211	72	73	68	51	39
BENTON	108	38	31	10	5	6	4	1	0
CARROLL	177	83	34	6	5	5	7	5	3
CLINTON	347	128	72	27	13	12	11	9	7
Frankfort	199	68	51	14	7	5	6	7	4
FOUNTAIN	188	73	41	20	2	5	6	3	1
MONTGOMERY	371	138	72	32	12	20	17	6	7
Crawfordsville	197	69	39	18	8	10	12	5	5
TIPPECANOE	843	272	227	83	23	18	12	13	13
Lafayette	509	156	142	48	14	12	7	8	6
West Lafayette	128	46	24	20	4	1	2	1	2
WARREN	76	31	13	8	2	0	4	1	3
WHITE	265	103	50	25	10	7	7	13	5
Monticello	98	40	16	12	4	4	3	3	2

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS		NEPHRITIS &		CERTAIN CAUSES OF		EMPHYSEMA	HOMICIDE
	(EX. MVA)	SUICIDE	NEPHROSIS	SEPTICEMIA	PERINATAL MORTALITY	CIRRHOSIS OF LIVER		
2-2	111	59	59	37	29	32	43	22
BLACKFORD	2	1	1	1	0	1	1	0
Hartford City	1	1	0	0	0	0	0	0
DELAWARE	21	15	14	9	10	6	10	9
Muncie	15	10	9	7	10	4	4	8
FAYETTE	6	4	0	5	1	0	5	1
Connersville	4	3	0	4	0	0	5	0
FRANKLIN	1	1	2	1	1	0	2	1
HENRY	3	5	6	3	2	3	6	0
New Castle	1	3	3	2	2	2	4	0
JAY	2	2	4	2	2	2	0	0
Portland	0	2	3	0	0	1	0	0
MADISON	45	18	19	4	6	12	7	5
Alexandria	4	0	1	1	0	1	0	1
Anderson	20	10	10	2	3	9	4	3
Elwood	7	2	4	0	0	1	0	1
RANDOLPH	3	5	2	3	2	2	1	0
Union City	0	1	0	2	1	0	0	0
Winchester	1	1	0	0	0	0	1	0
RUSH	10	1	3	2	1	3	3	0
Rushville	5	0	0	2	0	1	1	0
UNION	1	1	0	0	1	0	0	1
WAYNE	17	6	8	7	3	3	8	5
Richmond	11	3	4	3	2	2	6	5
2-3	19	30	21	16	11	19	13	6
GRANT	11	8	10	5	5	12	4	3
Gas City	0	1	1	1	1	1	0	0
Marion	8	3	7	2	4	7	2	3
HOWARD	5	17	6	9	5	7	8	3
Kokomo	4	13	6	9	4	7	6	3
TIPTON	3	5	5	2	1	0	1	0
Tipton	0	2	1	0	0	0	0	0
2-4	38	27	24	23	27	11	25	2
BENTON	1	1	2	1	0	0	1	0
CARROLL	4	2	2	1	0	0	0	0
CLINTON	7	3	4	4	8	4	4	0
Frankfort	3	2	2	2	5	2	2	0
FOUNTAIN	3	1	0	1	3	2	3	1
MONTGOMERY	7	2	4	8	3	2	2	0
Crawfordsville	4	0	3	4	1	2	1	0
TIPPECANOE	11	16	12	5	9	2	13	0
Lafayette	7	9	10	4	5	2	7	0
West Lafayette	2	2	2	1	0	0	3	0
WARREN	2	0	0	1	0	0	0	0
WHITE	3	2	1	2	4	1	2	1
Monticello	1	0	0	1	0	1	0	0

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER HYPERTENSIVE DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
2-2	29	37	17	22	15	17	5
BLACKFORD	2	0	1	1	1	0	0
Hartford City	2	0	1	0	1	0	1
DELAWARE	4	6	5	6	4	6	2
Muncie	2	4	5	4	3	3	2
FAYETTE	0	1	0	3	0	0	1
Connersville	0	1	0	3	0	0	0
FRANKLIN	0	1	1	0	1	0	0
HENRY	7	2	3	4	3	3	0
New Castle	4	0	2	1	2	3	0
JAY	1	1	1	1	0	0	1
Portland	0	1	1	0	0	0	0
MADISON	7	18	3	2	3	5	0
Alexandria	0	0	0	0	0	0	0
Anderson	1	12	1	1	1	5	0
Elwood	0	1	0	0	0	0	0
RANDOLPH	2	0	1	1	1	1	1
Union City	1	0	0	0	0	0	1
Winchester	0	0	0	0	0	1	0
RUSH	1	1	0	0	0	1	0
Rushville	0	1	0	0	0	1	0
UNION	2	3	0	1	0	0	0
WAYNE	3	4	2	3	2	1	0
Richmond	1	2	1	3	2	1	0
2-3	7	6	4	6	4	8	4
GRANT	4	1	3	3	2	1	1
Gas City	0	0	0	0	0	0	0
Marion	3	0	2	3	1	1	1
HOWARD	1	3	1	2	1	6	3
Kokomo	1	3	0	2	1	5	3
TIPTON	2	2	0	1	1	1	0
Tipton	1	0	0	0	1	0	0
2-4	7	12	13	9	7	4	6
BENTON	0	0	0	0	1	0	1
CARROLL	0	0	1	0	2	0	0
CLINTON	2	2	1	1	0	1	0
Frankfort	1	0	1	1	0	0	0
FOUNTAIN	1	0	3	1	0	0	1
MONTGOMERY	1	1	0	1	2	0	0
Crawfordsville	1	0	0	0	1	0	0
TIPPECANOE	3	8	5	3	1	3	2
Lafayette	1	5	4	3	1	1	0
West Lafayette	1	2	0	0	0	3	2
WARREN	0	0	1	0	0	0	0
WHITE	0	1	2	3	1	0	2
Monticello	0	1	0	2	1	0	2

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
HSA 3	12,982	4,951	2,916	1,105	380	423	327	260	222
3-1	2,432	980	514	230	83	66	79	47	36
CLAY	320	102	75	44	9	6	10	6	4
Brazil	128	44	30	21	5	2	7	1	0
PARKE	197	109	26	6	7	2	6	9	5
PUTNAM	288	108	63	28	8	19	5	4	4
Greencastle	111	42	21	17	3	9	0	0	3
SULLIVAN	249	96	52	27	9	9	7	4	6
VERMILLION	216	92	53	12	15	3	5	2	5
Clinton	83	39	16	4	5	0	5	0	4
VIGO	1,162	473	245	113	35	27	46	22	12
Terre Haute	807	320	175	81	23	26	32	6	10
3-2	1,593	555	369	143	40	55	52	48	34
GREENE	357	164	73	19	7	7	8	11	8
Linton	97	53	15	5	1	2	2	4	2
LAWRENCE	457	138	120	45	14	15	16	15	9
Bedford	204	66	50	25	7	5	10	1	3
MONROE	609	206	133	68	13	19	19	18	13
Bloomington	392	127	87	48	7	13	19	6	7
OWEN	170	47	43	11	6	14	9	4	4
3-3	2,410	930	544	175	79	93	41	53	45
BARTHOLOMEW	503	173	119	34	15	16	13	13	7
Columbus	309	108	63	29	7	10	9	9	4
BROWN	104	42	24	6	4	5	0	1	0
DEARBORN	337	120	78	29	13	17	5	5	7
DECATUR	259	111	64	16	6	3	4	5	8
Greensburg	140	59	32	11	2	1	1	0	7
JACKSON	351	150	67	30	16	7	4	11	9
Seymour	183	73	36	18	10	5	0	4	5
JEFFERSON	287	119	55	15	10	15	4	7	4
Madison	163	69	32	7	5	5	3	2	3
JENNINGS	201	81	43	19	4	7	3	5	4
North Vernon	75	33	11	11	2	4	2	0	1
OHIO	52	22	8	4	2	5	0	1	1
RIPLEY	230	81	65	19	6	11	7	4	4
SWITZERLAND	86	31	21	3	3	7	1	1	1
3-4	1,657	653	364	179	36	46	46	21	29
DAVIESS	303	123	53	44	5	4	12	10	5
Washington	162	62	31	26	3	3	4	3	4
DUBOIS	255	104	55	27	4	12	2	3	4
Huntington	47	19	5	3	1	2	2	1	1
Jasper	82	31	22	11	1	4	0	0	0
GIBSON	360	122	94	34	6	12	11	3	10
Princeton	135	45	33	11	1	4	5	0	4
KNOX	486	198	103	56	17	11	13	3	7
Vincennes	255	94	54	37	10	9	5	0	4
MARTIN	112	50	27	7	0	7	1	1	2
PIKE	141	56	32	11	4	0	7	1	1

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)	SUICIDE	NEPHRITIS & NEPHROSIS	SEPTICEMIA	CERTAIN CAUSES OF			
					PERINATAL MORTALITY	CIRRHOSIS OF LIVER	EMPHYSEMA	HOMICIDE
HSA 3	259	155	149	113	81	88	83	49
3-1	47	21	17	20	10	16	11	8
CLAY	6	2	3	3	1	3	2	2
Brazil	3	0	2	0	0	0	0	2
PARKE	5	2	1	0	1	1	1	0
PUTNAM	5	0	2	2	0	2	2	1
Greencastle	1	0	1	2	0	0	0	0
SULLIVAN	8	1	3	3	1	0	0	0
VERMILLION	5	1	1	2	0	2	2	0
Clinton	0	0	0	0	0	2	1	0
VIGO	18	15	7	10	7	8	4	5
Terre Haute	14	10	5	9	4	6	3	2
3-2	24	19	19	13	14	6	18	5
GREENE	4	5	2	4	1	3	4	1
Linton	1	0	0	0	1	1	1	0
LAWRENCE	4	4	9	1	2	1	6	1
Bedford	2	1	4	0	1	0	3	0
MONROE	15	9	7	4	7	2	7	3
Bloomington	10	5	4	1	6	2	6	1
OWEN	1	1	1	4	4	0	1	0
3-3	50	25	30	21	19	15	10	9
BARTHOLOMEW	10	8	7	6	4	4	5	2
Columbus	5	3	5	5	3	1	2	2
BROWN	0	3	0	4	0	1	1	2
DEARBORN	13	1	2	4	3	2	2	4
DECATUR	4	2	0	1	4	0	0	1
Greensburg	1	2	0	1	2	0	0	1
JACKSON	10	1	9	4	2	2	0	0
Seymour	4	1	7	2	2	1	0	0
JEFFERSON	10	1	2	0	1	3	1	0
Madison	7	0	1	0	0	2	1	0
JENNINGS	2	3	1	1	1	0	0	0
North Vernon	1	0	0	0	1	0	0	0
OHIO	0	1	1	0	0	0	0	0
RIPLEY	0	4	5	1	2	2	0	0
SWITZERLAND	1	1	3	0	2	1	1	0
3-4	33	15	27	12	7	9	10	10
DAVISS	4	2	6	3	1	1	1	0
Washington	3	1	4	1	0	1	1	0
DUBOIS	5	2	4	2	2	3	2	1
Huntington	1	0	2	0	0	2	1	1
Jasper	2	1	1	1	1	1	1	0
GIBSON	8	2	10	4	1	1	3	3
Princeton	3	0	7	1	0	0	1	2
KNOX	9	5	4	2	2	4	3	2
Vincennes	4	3	3	0	0	1	3	1
MARTIN	4	2	0	1	1	0	1	0
PIKE	3	2	3	0	0	0	0	4

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
HSA 3	63	59	69	43	37	30	19
3-1	8	6	7	4	4	7	3
CLAY	1	0	2	1	1	0	0
Brazil	1	0	0	1	0	0	0
PARKE	0	0	2	0	0	1	0
PUTNAM	3	2	1	0	1	2	0
Greencastle	0	2	1	0	0	1	0
SULLIVAN	0	0	0	0	1	2	0
VERMILLION	0	0	0	2	1	0	0
Clinton	0	0	0	0	1	0	0
VIGO	4	4	2	1	0	2	3
Terre Haute	1	4	2	1	0	2	1
3-2	9	10	7	4	6	3	0
GREENE	2	3	2	0	1	1	0
Linton	0	2	0	0	0	1	0
LAWRENCE	3	1	2	2	2	0	0
Bedford	2	1	0	1	1	0	0
MONROE	3	4	2	2	2	2	0
Bloomington	2	3	2	2	2	2	0
OWEN	1	2	1	0	1	0	0
3-3	14	14	13	10	7	8	2
BARTHOLOMEW	5	3	6	3	2	3	1
Columbus	2	3	4	2	0	0	1
BROWN	1	0	0	0	2	1	0
DEARBORN	2	1	1	4	1	0	0
DECATUR	3	1	1	2	0	0	1
Greensburg	2	0	1	1	0	0	1
JACKSON	1	3	1	0	0	0	0
Seymour	1	2	1	0	0	0	0
JEFFERSON	1	2	1	1	0	1	0
Madison	0	1	0	1	0	1	0
JENNINGS	0	0	1	0	1	2	0
North Vernon	0	0	1	0	1	0	0
OHIO	0	0	2	0	0	0	0
RIPLEY	1	3	0	0	1	0	0
SWITZERLAND	0	1	0	0	0	1	0
3-4	9	9	8	6	7	3	0
DAVISS	1	2	1	1	1	0	0
Washington	0	1	0	0	1	0	0
DUBOIS	2	1	0	2	2	1	0
Huntington	0	0	0	0	2	0	0
Jasper	0	1	0	1	0	0	0
GIBSON	1	3	1	0	3	0	0
Princeton	0	2	1	0	2	0	0
KNOX	4	3	3	3	0	1	0
Vincennes	1	1	3	1	0	1	0
MARTIN	0	0	1	0	0	0	0
PIKE	1	0	2	0	1	1	0

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
3-5	2,299	848	540	188	65	97	44	51	33
CLARK	780	294	181	74	23	19	13	13	14
Charleston	46	19	9	9	1	1	0	0	0
Clarksville	181	62	40	21	7	7	6	3	4
Jeffersonville	308	125	69	21	9	9	4	5	4
CRAWFORD	110	38	24	4	3	9	4	2	1
FLOYD	568	220	142	44	14	24	13	9	8
New Albany	434	167	116	28	10	21	10	4	7
HARRISON	213	67	54	21	4	6	2	9	5
ORANGE	190	59	51	19	4	10	5	8	0
SCOTT	208	74	47	12	12	17	3	2	2
Scottsburg	71	30	11	6	5	9	1	0	0
WASHINGTON	230	96	41	14	5	12	4	8	3
Salem	81	39	13	6	1	3	1	1	0
3-6	2,591	985	585	190	77	66	65	40	45
PERRY	167	53	35	14	4	6	14	3	0
Tell City	75	20	16	9	2	2	11	0	0
POSEY	190	69	51	17	4	2	1	5	1
Mt. Vernon	85	32	20	9	1	1	0	1	0
SPENCER	165	67	36	16	2	8	5	2	0
VANDERBURGH	1,736	655	406	126	56	42	39	21	30
Evansville	1,612	613	375	118	54	37	35	19	29
WARRICK	333	141	57	17	11	8	6	9	14
Boonville	104	49	16	5	4	4	0	1	6

Source: ISBH-Public Health Statistics

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)	SUICIDE	NEPHRITIS & NEPHROSIS		SEPTICEMIA	CERTAIN CAUSES OF PERINATAL MORTALITY		CIRRHOSIS OF LIVER	EMPHYSEMA	HOMICIDE
3-5	59	34	28		14	18		19	15	12
CLARK	19	12	7		5	3		11	4	5
Charleston	0	2	0		0	0		0	0	0
Clarksville	5	0	1		2	1		2	1	2
Jeffersonville	7	4	4		1	0		4	3	1
CRAWFORD	3	2	2		1	1		0	3	0
FLOYD	9	8	4		2	8		0	5	2
New Albany	6	6	3		2	5		0	3	2
HARRISON	6	5	4		1	2		2	1	2
ORANGE	5	1	3		3	3		2	1	0
SCOTT	8	2	6		1	1		3	0	2
Scottsburg	1	1	2		0	1		1	0	0
WASHINGTON	9	4	2		1	0		1	1	1
Salem	1	1	1		1	0		0	0	0
3-6	46	41	28		33	13		23	19	5
PERRY	3	4	2		1	2		0	0	1
Tell City	0	0	1		1	1		0	0	0
POSEY	6	1	1		6	3		1	1	0
Mt. Vernon	2	0	1		3	2		0	1	0
SPENCER	3	2	1		1	1		2	3	0
VANDEBURGH	24	25	21		20	7		19	14	3
Evansville	19	24	21		20	4		17	13	3
WARRICK	10	9	3		5	0		1	11	1
Boonville	2	2	0		1	0		0	1	0

Table 4-5

NUMBER OF DEATHS BY SELECTED CAUSES, HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER HYPERTENSIVE DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
3-5	9	10	15	11	7	4	8
CLARK	5	2	7	3	2	2	5
Charleston	0	1	0	0	0	0	1
Clarksville	0	0	3	0	0	1	0
Jeffersonville	4	1	2	1	0	1	2
CRAWFORD	0	1	0	0	2	1	1
FLOYD	2	0	3	4	0	0	0
New Albany	2	0	2	3	0	0	0
HARRISON	2	2	1	1	2	0	1
ORANGE	0	0	1	0	0	0	0
SCOTT	0	1	1	0	0	0	1
Scottsburg	0	0	1	0	0	0	0
WASHINGTON	0	4	2	3	1	1	0
Salem	0	2	2	3	1	0	0
3-6	14	10	19	8	6	5	6
PERRY	0	2	1	2	0	0	0
Tell City	0	0	0	2	0	0	0
POSEY	2	0	3	1	0	0	1
Mt. Vernon	1	0	1	1	0	0	1
SPENCER	0	0	0	1	1	0	0
VANDERBURGH	10	6	14	4	5	4	5
Evansville	8	6	13	4	5	3	5
WARRICK	2	2	1	0	0	1	0
Boonville	0	0	0	0	0	0	0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	OTHER CHRONIC		PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
				CEREBRO- VASCULAR DISEASE	OBSTRUCTIVE PULMONARY DISEASES				
INDIANA	895.1	332.0	203.0	72.2	26.3	25.7	21.2	19.3	17.6
HSA 1	872.0	327.7	198.3	74.7	21.3	20.3	19.6	19.6	19.5
1-1	846.4	316.9	191.6	65.3	19.8	15.7	18.3	15.3	24.9
JASPER	745.2	289.0	136.9	53.2	34.2	15.2	11.4	38.0	11.4
LAKE	881.6	336.4	200.7	69.8	16.7	15.5	16.1	12.8	26.2
Cedar Lake	775.3	258.4	303.4	33.7	11.2	0.0	0.0	33.7	22.5
Crown Point	1,299.4	532.9	239.5	149.7	24.0	29.9	41.9	29.9	24.0
Dyer	707.1	282.8	181.8	30.3	10.1	10.1	0.0	20.2	20.2
East Chicago	967.6	356.8	213.5	75.7	5.4	16.2	18.9	13.5	35.1
Gary	945.9	346.5	201.0	80.4	12.4	11.7	10.2	5.8	36.5
Griffith	766.9	312.9	135.0	42.9	12.3	12.3	24.5	6.1	12.3
Hammond	942.1	379.6	222.2	59.0	20.8	18.5	20.8	13.9	18.5
Highland	725.4	254.1	204.9	69.7	4.1	16.4	20.5	4.1	20.5
Hobart	955.4	352.7	250.0	84.8	31.3	17.9	13.4	22.3	13.4
Lake Station	826.4	312.5	138.9	41.7	27.8	20.8	13.9	41.7	34.7
Lowell	721.3	245.9	196.7	65.6	32.8	32.8	0.0	16.4	16.4
Merrillville	1,022.4	399.3	235.1	111.9	18.7	33.6	22.4	14.9	26.1
Munster	841.6	356.4	158.4	94.1	14.9	14.9	9.9	14.9	29.7
Schererville	379.3	137.9	117.2	13.8	13.8	13.8	0.0	0.0	6.9
Whiting	2,307.7	826.9	576.9	192.3	96.2	19.2	57.7	19.2	76.9
NEWTON	913.7	330.9	165.5	64.7	36.0	21.6	14.4	36.0	43.2
PORTER	719.7	243.7	169.8	50.4	27.6	16.2	29.2	17.9	20.3
Chesterton	976.5	376.5	329.4	82.4	35.3	11.8	0.0	35.3	0.0
Portage	778.2	285.2	172.5	49.3	21.1	17.6	35.2	10.6	38.7
VALPARAISO	1,198.2	351.4	243.2	94.6	45.0	27.0	81.1	13.5	13.5
1-2	913.4	351.8	204.7	73.4	23.0	24.9	23.0	23.0	17.4
CASS	1,095.7	450.9	229.2	83.1	40.3	25.2	37.8	27.7	15.1
Logansport	1,526.0	635.8	317.9	144.5	40.5	46.2	46.2	28.9	17.3
ELKHART	767.1	317.6	163.9	44.4	14.3	12.3	16.4	25.3	17.8
Elkhart	995.5	422.7	186.4	63.6	18.2	15.9	11.4	15.9	13.6
Goshen	976.6	457.9	205.6	37.4	32.7	23.4	42.1	28.0	9.3
FULTON	1,101.6	411.8	213.9	117.6	37.4	26.7	42.8	32.1	26.7
Rochester	1,627.5	666.7	254.9	176.5	58.8	39.2	19.6	19.6	58.8
LAPORTE	852.0	317.6	190.4	66.9	22.6	20.7	17.0	21.7	17.0
LaPorte	1,156.7	428.6	262.7	87.6	27.6	36.9	32.3	27.6	23.0
Michigan City	1,008.5	371.8	216.9	95.8	28.2	16.9	11.3	11.3	19.7
MARSHALL	886.2	307.5	193.7	92.0	14.5	36.3	41.2	29.1	24.2
Plymouth	1,444.4	444.4	296.3	209.9	24.7	111.1	37.0	24.7	49.4
MIAMI	897.4	373.7	186.8	44.7	23.7	31.6	36.8	26.3	13.2
Peru	1,363.6	590.9	295.5	60.6	45.5	53.0	37.9	0.0	15.2
PULASKI	1,106.1	522.7	234.8	113.6	15.2	15.2	7.6	30.3	15.2
ST. JOSEPH	961.5	347.6	231.2	89.1	25.7	26.1	22.8	18.6	17.0
Mishawaka	1,004.8	366.3	228.9	98.8	28.9	31.3	33.7	14.5	14.5
South Bend	1,197.6	422.3	288.4	110.5	35.6	32.8	24.3	23.4	23.4
STARKE	1,135.5	509.3	238.3	60.7	28.0	88.8	4.7	23.4	14.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CERTAIN CAUSES OF							
	ACCIDENTS (EX. MVA)	SUICIDE	NEPHRITIS & NEPHROSIS	SEPTICEMIA	PERINATAL MORTALITY	CIRRHOSIS OF LIVER	EMPHYSEMA	HOMICIDE
INDIANA	16.4	11.7	10.9	8.2	7.9	7.8	6.9	5.5
HSA 1	15.8	10.9	10.1	5.9	7.6	8.3	7.5	6.7
1-1	16.0	10.5	9.5	6.6	8.5	9.8	8.4	10.5
JASPER	15.2	15.2	11.4	11.4	0.0	7.6	3.8	3.8
LAKE	15.5	10.0	9.6	6.5	10.2	11.2	8.9	12.8
Cedar Lake	22.5	11.2	0.0	0.0	11.2	11.2	0.0	0.0
Crown Point	0.0	0.0	6.0	29.9	12.0	24.0	6.0	0.0
Dyer	0.0	30.3	10.1	0.0	0.0	0.0	10.1	0.0
East Chicago	27.0	2.7	18.9	2.7	13.5	18.9	5.4	21.6
Gary	19.7	9.5	11.7	13.9	19.0	8.8	8.8	33.6
Griffith	12.3	24.5	6.1	0.0	6.1	18.4	12.3	0.0
Hammond	12.7	10.4	13.9	4.6	8.1	12.7	12.7	4.6
Highland	8.2	12.3	0.0	0.0	0.0	20.5	4.1	4.1
Hobart	22.3	17.9	0.0	8.9	8.9	8.9	8.9	4.5
Lake Station	27.8	20.8	13.9	0.0	20.8	13.9	6.9	0.0
Lowell	16.4	16.4	0.0	0.0	49.2	32.8	16.4	0.0
Merrillville	11.2	7.5	0.0	0.0	0.0	11.2	11.2	3.7
Munster	5.0	5.0	9.9	0.0	0.0	14.9	14.9	5.0
Schererville	6.9	0.0	0.0	0.0	0.0	13.8	6.9	0.0
Whiting	57.7	19.2	19.2	19.2	19.2	0.0	38.5	0.0
NEWTON	21.6	0.0	28.8	7.2	0.0	7.2	7.2	7.2
PORTER	17.9	13.0	6.5	5.7	4.9	4.9	7.3	3.2
Chesterton	11.8	0.0	0.0	11.8	0.0	11.8	0.0	0.0
Portage	31.7	21.1	7.0	7.0	3.5	0.0	10.6	7.0
VALPARAISO	22.5	27.0	18.0	13.5	9.0	9.0	18.0	0.0
1-2	14.6	11.7	10.1	6.9	7.7	9.3	7.1	6.0
CASS	7.6	12.6	12.6	12.6	5.0	5.0	0.0	2.5
Logansport	11.6	5.8	17.3	11.6	5.8	5.8	0.0	5.8
ELKHART	8.9	15.0	6.8	5.5	4.8	3.4	15.7	2.7
Elkhart	9.1	20.5	4.5	9.1	9.1	11.4	31.8	4.5
Goshen	9.3	18.7	4.7	4.7	4.7	0.0	4.7	0.0
FULTON	5.3	10.7	21.4	0.0	10.7	10.7	5.3	0.0
Rochester	19.6	0.0	58.8	0.0	19.6	19.6	19.6	0.0
LAPORTE	13.2	9.4	12.3	8.5	9.4	18.9	1.9	4.7
LaPorte	18.4	18.4	13.8	13.8	9.2	13.8	4.6	0.0
Michigan City	19.7	11.3	14.1	8.5	16.9	31.0	0.0	11.3
MARSHALL	16.9	7.3	4.8	9.7	4.8	2.4	9.7	9.7
Plymouth	49.4	0.0	0.0	37.0	0.0	0.0	37.0	0.0
MIAMI	10.5	21.1	13.2	10.5	0.0	10.5	10.5	2.6
Peru	7.6	37.9	37.9	15.2	0.0	15.2	15.2	0.0
PULASKI	15.2	22.7	7.6	0.0	0.0	0.0	7.6	0.0
ST. JOSEPH	19.9	9.9	9.5	6.2	10.8	10.4	4.6	9.9
Mishawaka	14.5	16.9	9.6	7.2	14.5	9.6	2.4	2.4
South Bend	26.2	7.5	8.4	6.6	15.9	13.1	8.4	18.7
STARKE	23.4	4.7	18.7	4.7	9.3	14.0	4.7	4.7

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER HYPERTENSIVE DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
INDIANA	4.9	4.8	4.0	3.6	2.7	2.4	2.3
HSA 1	5.2	4.3	3.5	3.3	2.6	2.3	2.7
1-1	5.5	2.9	3.1	3.1	2.0	2.4	2.9
JASPER	7.6	3.8	7.6	0.0	0.0	3.8	3.8
LAKE	5.3	2.2	2.4	3.3	2.0	2.2	3.5
Cedar Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crown Point	12.0	0.0	6.0	0.0	0.0	6.0	0.0
Dyer	0.0	0.0	0.0	0.0	0.0	0.0	0.0
East Chicago	8.1	2.7	2.7	8.1	0.0	5.4	0.0
Gary	5.8	1.5	3.7	4.4	3.7	2.2	11.0
Griffith	18.4	0.0	0.0	0.0	0.0	0.0	0.0
Hammond	3.5	1.2	2.3	1.2	2.3	3.5	0.0
Highland	0.0	0.0	0.0	4.1	0.0	4.1	0.0
Hobart	0.0	0.0	0.0	4.5	8.9	0.0	4.5
Lake Station	0.0	0.0	6.9	6.9	0.0	0.0	0.0
Lowell	0.0	0.0	16.4	16.4	0.0	0.0	0.0
Merrillville	7.5	11.2	3.7	3.7	3.7	0.0	0.0
Munster	9.9	5.0	0.0	0.0	0.0	5.0	0.0
Schererville	0.0	6.9	0.0	6.9	0.0	0.0	0.0
Whiting	0.0	19.2	0.0	19.2	0.0	0.0	0.0
NEWTON	0.0	7.2	14.4	0.0	0.0	0.0	0.0
PORTER	6.5	4.9	3.2	3.2	2.4	3.2	0.8
Chesterton	11.8	0.0	11.8	0.0	0.0	0.0	0.0
Portage	7.0	3.5	0.0	3.5	3.5	0.0	0.0
VALPARAISO	9.0	18.0	4.5	13.5	4.5	13.5	0.0
1-2	4.1	5.4	3.3	4.4	1.8	2.0	2.0
CASS	2.5	15.1	10.1	2.5	2.5	2.5	2.5
Logansport	0.0	28.9	17.3	5.8	0.0	5.8	0.0
ELKHART	6.1	5.5	4.1	6.8	0.0	0.7	1.4
Elkhart	13.6	2.3	9.1	9.1	0.0	0.0	2.3
Goshen	4.7	14.0	4.7	0.0	0.0	0.0	0.0
FULTON	0.0	0.0	5.3	0.0	5.3	10.7	5.3
Rochester	0.0	0.0	0.0	0.0	19.6	19.6	19.6
LAPORTE	2.8	5.7	0.9	2.8	1.9	1.9	1.9
LaPorte	9.2	4.6	4.6	9.2	0.0	0.0	9.2
Michigan City	0.0	11.3	0.0	2.8	0.0	5.6	0.0
MARSHALL	2.4	4.8	4.8	0.0	0.0	0.0	0.0
Plymouth	12.3	0.0	12.3	0.0	0.0	0.0	0.0
MIAMI	2.6	2.6	2.6	5.3	2.6	2.6	0.0
Peru	7.6	0.0	7.6	15.2	7.6	7.6	0.0
PULASKI	15.2	0.0	0.0	0.0	7.6	0.0	0.0
ST. JOSEPH	3.3	5.4	2.5	4.6	2.1	2.5	2.5
Mishawaka	0.0	9.6	2.4	4.8	0.0	0.0	2.4
South Bend	3.7	2.8	3.7	7.5	2.8	3.7	2.8
STARKE	9.3	0.0	4.7	9.3	4.7	0.0	4.7

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
1-3	854.9	313.6	198.5	85.6	21.2	20.1	19.5	20.4	16.2
ADAMS	808.6	264.0	181.5	89.1	29.7	16.5	23.1	9.9	19.8
Decatur	1,046.5	383.7	209.3	127.9	34.9	34.9	23.3	11.6	11.6
ALLEN	851.3	315.6	195.7	88.0	20.3	20.3	20.3	13.9	14.2
Ft. Wayne	1,189.1	447.1	268.9	112.8	28.9	27.8	28.9	13.9	23.1
New Haven	1,041.1	356.2	301.4	109.6	13.7	27.4	54.8	0.0	13.7
DEKALB	884.6	307.7	189.3	109.5	20.7	8.9	23.7	41.4	17.8
Auburn	988.6	397.7	193.2	125.0	34.1	0.0	11.4	0.0	11.4
HUNTINGTON	1,056.3	343.7	236.6	138.0	25.4	25.4	19.7	8.5	36.6
Huntington	1,178.6	428.6	261.9	119.0	23.8	17.9	29.8	11.9	41.7
KOSCIUSKO	765.7	281.4	184.0	77.0	17.3	18.9	14.2	31.4	17.3
Warsaw	909.9	297.3	279.3	108.1	36.0	18.0	27.0	9.0	9.0
LAGRANGE	742.9	321.4	150.0	35.7	25.0	0.0	10.7	25.0	17.9
NOBLE	828.0	346.8	204.3	61.8	10.8	16.1	24.2	29.6	8.1
Kendallville	961.5	410.3	269.2	51.3	0.0	25.6	38.5	0.0	25.6
STEBEN	762.3	279.2	200.0	37.7	37.7	22.6	7.5	26.4	18.9
Angola	982.5	438.6	245.6	52.6	35.1	52.6	17.5	0.0	0.0
WABASH	974.4	346.6	227.3	105.1	25.6	36.9	19.9	19.9	19.9
N. Manchester	1,189.7	448.3	310.3	137.9	0.0	51.7	17.2	0.0	17.2
Wabash	1,025.0	291.7	283.3	141.7	41.7	41.7	16.7	25.0	8.3
WELLS	918.0	307.4	258.2	102.5	24.6	36.9	16.4	20.5	4.1
Bluffton	1,134.8	370.8	337.1	134.8	56.2	44.9	0.0	33.7	0.0
WHITLEY	885.2	333.3	192.6	66.7	11.1	18.5	29.6	44.4	14.8
Columbia City	1,557.7	615.4	346.2	153.8	38.5	38.5	38.5	38.5	0.0
HSA 2	882.7	317.4	201.0	64.6	30.0	27.4	20.4	19.3	16.7
2-1	843.0	284.1	198.8	56.5	29.4	29.9	18.4	18.7	15.6
BOONE	903.6	354.2	210.9	59.9	15.6	44.3	15.6	18.2	13.0
Lebanon	1,245.8	449.2	330.5	67.8	25.4	84.7	33.9	16.9	25.4
HAMILTON	576.4	201.7	126.3	30.8	22.3	15.9	9.6	11.7	10.6
Carmel	722.9	242.4	181.8	26.0	17.3	26.0	17.3	4.3	17.3
Noblesville	768.2	331.1	165.6	33.1	39.7	19.9	0.0	13.2	19.9
HANCOCK	726.1	294.0	133.6	37.9	31.2	13.4	17.8	11.1	11.1
Greenfield	1,059.8	487.2	170.9	42.7	42.7	34.2	42.7	8.5	8.5
HENDRICKS	696.6	217.4	173.2	57.7	21.5	38.9	8.1	22.8	16.1
Brownsburg	1,151.5	439.4	333.3	106.1	15.2	45.5	15.2	15.2	30.3
Plainfield	1,058.3	291.3	310.7	87.4	48.5	77.7	19.4	9.7	9.7
JOHNSON	824.5	286.1	191.1	54.1	18.0	31.3	25.2	24.0	15.6
Franklin	1,669.4	595.0	305.8	140.5	16.5	74.4	66.1	8.3	41.3
Greenwood	1,065.5	371.2	262.0	78.6	26.2	48.0	34.9	39.3	13.1
MARION	896.9	296.2	215.7	59.9	32.0	29.3	19.2	17.7	17.1
Beech Grove	1,135.3	443.6	315.8	67.7	22.6	30.1	15.0	15.0	15.0
Indianapolis	912.7	300.7	218.6	61.0	32.7	29.4	19.8	17.7	17.8
Lawrence	184.2	56.4	56.4	3.8	3.8	11.3	0.0	15.0	0.0
Speedway	528.0	160.0	144.0	32.0	24.0	32.0	8.0	16.0	16.0
MORGAN	784.9	269.8	175.5	50.9	37.7	43.4	20.8	30.2	9.4
Martinsville	1,243.7	462.2	252.1	84.0	67.2	75.6	16.8	33.6	25.2
Mooresville	1,206.9	241.4	327.6	86.2	137.9	69.0	17.2	51.7	17.2
SHELBY	883.5	301.3	194.9	78.5	35.4	40.5	27.8	30.4	12.7
Shelbyville	1,138.9	381.9	236.1	97.2	48.6	62.5	48.6	27.8	20.8

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)		NEPHRITIS & NEPHROSIS		CERTAIN CAUSES OF PERINATAL MORTALITY		CIRRHOSIS OF LIVER	EMPHYSEMA	HOMICIDE
	SUICIDE			SEPTICEMIA					
1-3	17.0	10.5	10.8	4.1	6.6	5.7	6.9	3.5	
ADAMS	19.8	13.2	13.2	0.0	3.3	6.6	3.3	3.3	
Decatur	0.0	11.6	23.3	0.0	0.0	11.6	0.0	11.6	
ALLEN	18.3	11.5	9.1	5.1	6.4	6.8	8.1	6.1	
Ft. Wayne	24.9	18.5	13.9	6.9	9.8	9.3	13.3	9.3	
New Haven	41.1	13.7	0.0	13.7	13.7	13.7	0.0	13.7	
DEKALB	14.8	11.8	11.8	8.9	11.8	5.9	8.9	0.0	
Auburn	11.4	0.0	22.7	22.7	22.7	11.4	22.7	0.0	
HUNTINGTON	33.8	5.6	19.7	8.5	5.6	2.8	2.8	0.0	
Huntington	23.8	6.0	17.9	0.0	0.0	6.0	0.0	0.0	
KOSCIUSKO	6.3	11.0	11.0	0.0	7.9	4.7	7.9	0.0	
Warsaw	0.0	27.0	9.0	0.0	0.0	0.0	0.0	0.0	
LAGRANGE	17.9	7.1	7.1	0.0	10.7	0.0	0.0	3.6	
NOBLE	10.8	13.4	5.4	2.7	5.4	10.8	2.7	2.7	
Kendallville	25.6	12.8	0.0	0.0	0.0	12.8	0.0	12.8	
STEBURN	11.3	11.3	3.8	0.0	3.8	3.8	11.3	0.0	
Angola	17.5	17.5	0.0	0.0	17.5	0.0	17.5	0.0	
WABASH	8.5	5.7	19.9	2.8	0.0	2.8	2.8	0.0	
N. Manchester	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	
Wabash	16.7	0.0	25.0	0.0	0.0	0.0	8.3	0.0	
WELLS	24.6	8.2	16.4	0.0	4.1	4.1	4.1	4.1	
Bluffton	33.7	11.2	11.2	0.0	0.0	11.2	11.2	0.0	
WHITLEY	22.2	7.4	14.8	11.1	14.8	3.7	14.8	0.0	
Columbia City	19.2	0.0	57.7	0.0	19.2	19.2	38.5	0.0	
HSA 2	15.4	12.6	11.5	10.3	9.5	8.2	7.0	5.6	
2-1	13.8	13.1	12.1	12.1	11.5	9.6	5.9	7.5	
BOONE	13.0	5.2	13.0	13.0	5.2	10.4	0.0	2.6	
Lebanon	8.5	8.5	33.9	0.0	0.0	8.5	0.0	0.0	
HAMILTON	14.9	13.9	13.8	15.9	8.5	4.2	5.3	2.1	
Carmel	8.7	26.0	21.6	39.0	4.3	0.0	4.3	4.3	
Noblesville	13.2	6.6	19.9	6.6	6.6	6.6	6.6	0.0	
HANCOCK	15.6	11.1	4.5	8.9	4.5	6.7	6.7	2.2	
Greenfield	17.1	8.5	8.5	8.5	0.0	8.5	8.5	0.0	
HENDRICKS	12.1	12.1	5.4	9.4	6.7	2.7	8.1	4.0	
Brownsville	30.3	0.0	15.2	0.0	0.0	0.0	15.2	0.0	
Plainfield	9.7	9.7	0.0	9.7	0.0	0.0	19.4	0.0	
JOHNSON	10.8	14.4	7.2	8.4	10.8	3.6	12.0	2.4	
Franklin	41.3	24.8	8.3	16.5	8.3	8.3	49.6	0.0	
Greenwood	4.4	26.2	17.5	8.7	21.8	8.7	0.0	4.4	
MARION	13.5	13.0	14.0	13.1	13.6	12.1	5.9	10.2	
Beech Grove	30.1	37.6	30.1	7.5	7.5	7.5	0.0	0.0	
Indianapolis	13.7	12.6	14.1	13.7	14.2	12.3	6.2	10.8	
Lawrence	0.0	7.5	3.8	0.0	0.0	3.8	0.0	0.0	
Speedway	0.0	16.0	0.0	8.0	0.0	16.0	8.0	0.0	
MORGAN	13.2	13.2	11.3	9.4	7.5	7.5	1.9	3.8	
Martinsville	25.2	16.8	25.2	8.4	8.4	8.4	8.4	0.0	
Mooresville	34.5	17.2	17.2	17.2	17.2	17.2	0.0	17.2	
SHELBY	25.3	17.7	2.5	2.5	7.6	2.5	2.5	0.0	
Shelbyville	48.6	13.9	0.0	6.9	6.9	0.0	0.0	0.0	

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
1-3	6.0	4.7	4.1	2.4	4.1	2.7	3.3
ADAMS	13.2	6.6	3.3	0.0	9.9	9.9	0.0
Decatur	23.3	0.0	0.0	0.0	23.3	34.9	0.0
ALLEN	6.4	3.4	2.7	3.4	3.4	1.7	4.4
Ft. Wayne	6.4	5.8	4.6	5.8	5.2	2.9	6.9
New Haven	27.4	0.0	0.0	0.0	0.0	0.0	0.0
DEKALB	3.0	3.0	5.9	0.0	0.0	8.9	5.9
Auburn	11.4	0.0	11.4	0.0	0.0	11.4	11.4
HUNTINGTON	2.8	14.1	11.3	2.8	14.1	0.0	2.8
Huntington	6.0	17.9	11.9	0.0	29.8	0.0	6.0
KOSCIUSKO	0.0	6.3	3.1	0.0	4.7	4.7	3.1
Warsaw	0.0	0.0	0.0	0.0	18.0	0.0	0.0
LAGRANGE	10.7	3.6	7.1	0.0	3.6	0.0	0.0
NOBLE	8.1	0.0	5.4	2.7	2.7	2.7	2.7
Kendallville	12.8	0.0	12.8	0.0	12.8	0.0	0.0
STEUBEN	0.0	0.0	11.3	0.0	0.0	0.0	0.0
Angola	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WABASH	11.4	8.5	2.8	0.0	5.7	0.0	0.0
N. Manchester	34.5	34.5	0.0	0.0	17.2	0.0	0.0
Wabash	16.7	0.0	0.0	0.0	0.0	0.0	0.0
WELLS	8.2	8.2	0.0	4.1	4.1	8.2	4.1
Bluffton	0.0	11.2	0.0	0.0	11.2	22.5	11.2
WHITLEY	3.7	7.4	3.7	7.4	0.0	0.0	3.7
Columbia City	0.0	38.5	19.2	0.0	0.0	0.0	0.0
HSA 2	5.0	5.6	3.9	4.1	2.9	2.6	2.5
2-1	5.4	5.4	4.2	4.3	3.0	2.3	3.2
BOONE	7.8	7.8	7.8	0.0	0.0	5.2	0.0
Lebanon	8.5	0.0	8.5	0.0	0.0	0.0	0.0
HAMILTON	4.2	6.4	2.1	0.0	1.1	2.1	2.1
Carmel	4.3	0.0	4.3	0.0	0.0	4.3	0.0
Noblesville	6.6	0.0	0.0	0.0	6.6	0.0	0.0
HANCOCK	2.2	8.9	0.0	17.8	2.2	2.2	0.0
Greenfield	0.0	17.1	0.0	34.2	0.0	8.5	0.0
HENDRICKS	6.7	5.4	2.7	1.3	4.0	2.7	0.0
Brownsburg	0.0	0.0	0.0	15.2	0.0	0.0	0.0
Plainfield	9.7	29.1	9.7	0.0	9.7	0.0	0.0
JOHNSON	1.2	4.8	4.8	7.2	1.2	2.4	4.8
Franklin	0.0	0.0	8.3	16.5	0.0	8.3	0.0
Greenwood	4.4	8.7	4.4	0.0	4.4	4.4	8.7
MARION	6.2	5.0	4.5	4.3	3.4	2.4	4.1
Beech Grove	0.0	7.5	0.0	7.5	7.5	0.0	7.5
Indianapolis	6.4	4.5	4.7	4.4	3.4	2.6	4.2
Lawrence	0.0	0.0	0.0	0.0	0.0	0.0	3.8
Speedway	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MORGAN	3.8	7.5	3.8	3.8	3.8	0.0	0.0
Martinsville	0.0	8.4	16.8	8.4	0.0	0.0	0.0
Mooreville	17.2	17.2	0.0	0.0	17.2	0.0	0.0
SHELBY	0.0	5.1	7.6	2.5	2.5	0.0	2.5
Shelbyville	0.0	6.9	13.9	0.0	0.0	0.0	0.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	OTHER CHRONIC		PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
				CEREBRO- VASCULAR DISEASE	OBSTRUCTIVE PULMONARY DISEASES				
2-2	956.0	381.2	207.2	73.1	30.1	24.1	23.3	18.7	20.4
BLACKFORD	813.3	360.0	153.3	66.7	46.7	13.3	20.0	0.0	6.7
Hartford City	881.6	342.1	184.2	92.1	92.1	13.2	26.3	0.0	0.0
DELAWARE	875.1	335.8	196.0	66.2	25.6	25.6	24.0	18.2	9.1
Muncie	1,026.2	375.2	229.0	80.0	30.3	34.5	30.3	23.4	9.7
FAYETTE	880.0	400.0	156.4	90.9	21.8	32.7	21.8	14.5	21.8
Connersville	1,073.2	463.4	201.2	122.0	24.4	36.6	36.6	18.3	18.3
FRANKLIN	761.2	363.2	164.2	44.8	24.9	14.9	14.9	5.0	14.9
HENRY	1,047.9	429.1	201.6	93.8	37.9	24.0	35.9	10.0	25.9
New Castle	1,423.9	548.9	271.7	152.2	27.2	32.6	59.8	10.9	32.6
JAY	990.8	399.1	206.4	82.6	36.7	18.3	68.8	27.5	18.3
Portland	1,446.2	600.0	230.8	123.1	76.9	30.8	153.8	61.5	30.8
MADISON	976.6	361.7	234.4	79.1	30.1	24.9	13.6	18.8	28.6
Alexandria	1,072.7	381.8	218.2	36.4	18.2	18.2	36.4	54.5	90.9
Anderson	1,165.8	445.0	277.5	93.6	41.1	32.8	18.1	11.5	24.6
Elwood	1,367.3	479.6	255.1	142.9	61.2	51.0	10.2	20.4	40.8
RANDOLPH	917.9	364.3	185.7	39.3	42.9	21.4	25.0	25.0	28.6
Union City	1,000.0	264.7	117.6	117.6	88.2	0.0	0.0	58.8	58.8
Winchester	1,277.8	592.6	240.7	37.0	111.1	18.5	18.5	37.0	37.0
RUSH	1,090.4	457.4	191.5	63.8	31.9	21.3	31.9	47.9	21.3
Rushville	1,727.3	781.8	236.4	127.3	72.7	36.4	72.7	0.0	54.5
UNION	971.4	400.0	242.9	28.6	0.0	14.3	0.0	28.6	14.3
WAYNE	1,070.6	441.8	231.3	78.9	29.1	26.3	20.8	20.8	22.2
Richmond	1,370.2	573.3	287.9	113.7	30.8	30.8	33.4	23.1	33.4
2-3	944.0	354.6	200.0	74.5	38.1	20.7	18.5	25.8	17.4
GRANT	959.8	339.8	217.9	84.3	45.4	20.8	19.5	31.1	20.8
Gas City	921.9	281.3	265.6	93.8	46.9	62.5	0.0	46.9	0.0
Marion	1,299.7	476.2	277.3	117.6	50.4	16.8	33.6	33.6	28.0
HOWARD	908.5	361.5	193.7	56.3	34.0	18.8	18.8	24.6	15.3
Kokomo	1,373.6	547.3	285.7	83.5	54.9	30.8	26.4	26.4	22.0
TIPTON	1,055.6	388.9	148.1	123.5	24.7	30.9	12.3	6.2	12.3
Tipton	1,595.7	659.6	234.0	212.8	42.6	0.0	42.6	21.3	0.0
2-4	879.3	320.6	199.9	78.1	26.7	27.0	25.2	18.9	14.4
BENTON	1,102.0	387.8	316.3	102.0	51.0	61.2	40.8	10.2	0.0
CARROLL	926.7	434.6	178.0	31.4	26.2	26.2	36.6	26.2	15.7
CLINTON	1,115.8	411.6	231.5	86.8	41.8	38.6	35.4	28.9	22.5
Frankfort	1,317.9	450.3	337.7	92.7	46.4	33.1	39.7	46.4	26.5
FOUNTAIN	1,010.8	392.3	220.4	107.5	10.8	26.9	32.3	16.1	5.4
MONTGOMERY	1,051.0	390.9	204.0	90.7	34.0	56.7	48.2	17.0	19.8
Crawfordsville	1,448.5	507.4	286.8	132.4	58.8	73.5	88.2	36.8	36.8
TIPPECANOE	677.7	218.6	182.5	66.7	18.5	14.5	9.6	10.5	10.5
Lafayette	1,151.6	352.9	321.3	108.6	31.7	27.1	15.8	18.1	13.6
W. Lafayette	615.4	221.2	115.4	96.2	19.2	4.8	9.6	4.8	9.6
WARREN	894.1	364.7	152.9	94.1	23.5	0.0	47.1	11.8	35.3
WHITE	1,137.3	442.1	214.6	107.3	42.9	30.0	30.0	55.8	21.5
Monticello	1,960.0	800.0	320.0	240.0	80.0	80.0	60.0	60.0	40.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)	SUICIDE	NEPHRITIS & NEPHROSIS	SEPTICEMIA	CERTAIN CAUSES OF		EMPHYSEMA	HOMICIDE
					PERINATAL MORTALITY	CIRRHOSIS OF LIVER		
2-2	21.6	11.5	11.5	7.2	5.6	6.2	8.4	4.3
BLACKFORD	13.3	6.7	6.7	6.7	0.0	6.7	6.7	0.0
Hartford City	13.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0
DELAWARE	17.4	12.4	11.6	7.4	8.3	5.0	8.3	7.4
Muncie	20.7	13.8	12.4	9.7	13.8	5.5	5.5	11.0
FAYETTE	21.8	14.5	0.0	18.2	3.6	0.0	18.2	3.6
Connersville	24.4	18.3	0.0	24.4	0.0	0.0	30.5	0.0
FRANKLIN	5.0	5.0	10.0	5.0	5.0	0.0	10.0	5.0
HENRY	6.0	10.0	12.0	6.0	4.0	6.0	12.0	0.0
New Castle	5.4	16.3	16.3	10.9	10.9	10.9	21.7	0.0
JAY	9.2	9.2	18.3	9.2	9.2	9.2	0.0	0.0
Portland	0.0	30.8	46.2	0.0	0.0	15.4	0.0	0.0
MADISON	33.9	13.6	14.3	3.0	4.5	9.0	5.3	3.8
Alexandria	72.7	0.0	18.2	18.2	0.0	18.2	0.0	18.2
Anderson	32.8	16.4	16.4	3.3	4.9	14.8	6.6	4.9
Elwood	71.4	20.4	40.8	0.0	0.0	10.2	0.0	10.2
RANDOLPH	10.7	17.9	7.1	10.7	7.1	7.1	3.6	0.0
Union City	0.0	29.4	0.0	58.8	29.4	0.0	0.0	0.0
Winchester	18.5	18.5	0.0	0.0	0.0	0.0	18.5	0.0
RUSH	53.2	5.3	16.0	10.6	5.3	16.0	16.0	0.0
Rushville	90.9	0.0	0.0	36.4	0.0	18.2	18.2	0.0
UNION	14.3	14.3	0.0	0.0	14.3	0.0	0.0	14.3
WAYNE	23.5	8.3	11.1	9.7	4.2	4.2	11.1	6.9
Richmond	28.3	7.7	10.3	7.7	5.1	5.1	15.4	12.9
2-3	10.6	16.8	11.8	9.0	6.2	10.6	7.3	3.4
GRANT	14.3	10.4	13.0	6.5	6.5	15.6	5.2	3.9
Gas City	0.0	15.6	15.6	15.6	15.6	15.6	0.0	0.0
Marion	22.4	8.4	19.6	5.6	11.2	19.6	5.6	8.4
HOWARD	5.9	20.0	7.0	10.6	5.9	8.2	9.4	3.5
Kokomo	8.8	28.6	13.2	19.8	8.8	15.4	13.2	6.6
TIPTON	18.5	30.9	30.9	12.3	6.2	0.0	6.2	0.0
Tipton	0.0	42.6	21.3	0.0	0.0	0.0	0.0	0.0
2-4	14.1	10.0	8.9	8.5	10.0	4.1	9.3	0.7
BENTON	10.2	10.2	20.4	10.2	0.0	0.0	10.2	0.0
CARROLL	20.9	10.5	5.2	5.2	0.0	0.0	0.0	0.0
CLINTON	22.5	9.6	12.9	12.9	25.7	12.9	12.9	0.0
Frankfort	19.9	13.2	13.2	13.2	33.1	13.2	13.2	0.0
FOUNTAIN	16.1	5.4	0.0	5.4	16.1	10.8	16.1	5.4
MONTGOMERY	19.8	5.7	11.3	22.7	8.5	5.7	5.7	0.0
Crawfordsville	29.4	0.0	22.1	29.4	7.4	14.7	7.4	0.0
TIPPECANOE	8.8	12.9	9.6	4.0	7.2	1.6	10.5	0.0
Lafayette	15.8	20.4	22.6	9.0	11.3	4.5	15.8	0.0
W. Lafayette	9.6	9.6	9.6	4.8	0.0	0.0	14.4	0.0
WARREN	23.5	0.0	0.0	11.8	0.0	0.0	0.0	0.0
WHITE	12.9	8.6	4.3	8.6	17.2	4.3	8.6	4.3
Monticello	20.0	0.0	0.0	20.0	0.0	20.0	0.0	0.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER HYPERTENSIVE DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
2-2	5.6	7.2	3.3	4.3	2.9	3.3	1.0
BLACKFORD	13.3	0.0	6.7	6.7	6.7	0.0	0.0
Hartford City	26.3	0.0	13.2	0.0	13.2	0.0	13.2
DELAWARE	3.3	5.0	4.1	5.0	3.3	5.0	1.7
Muncie	2.8	5.5	6.9	5.5	4.1	4.1	2.8
FAYETTE	0.0	3.6	0.0	10.9	0.0	0.0	3.6
Connersville	0.0	6.1	0.0	18.3	0.0	0.0	0.0
FRANKLIN	0.0	5.0	5.0	0.0	5.0	0.0	0.0
HENRY	14.0	4.0	6.0	8.0	6.0	6.0	0.0
New Castle	21.7	0.0	10.9	5.4	10.9	16.3	0.0
JAY	4.6	4.6	4.6	4.6	0.0	0.0	4.6
Portland	0.0	15.4	15.4	0.0	0.0	0.0	0.0
MADISON	5.3	13.6	2.3	1.5	2.3	3.8	0.0
Alexandria	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anderson	1.6	19.7	1.6	1.6	1.6	8.2	0.0
Elwood	0.0	10.2	0.0	0.0	0.0	0.0	0.0
RANDOLPH	7.1	0.0	3.6	3.6	3.6	3.6	3.6
Union City	29.4	0.0	0.0	0.0	0.0	0.0	29.4
Winchester	0.0	0.0	0.0	0.0	0.0	18.5	0.0
RUSH	5.3	5.3	0.0	0.0	0.0	5.3	0.0
Rushville	0.0	18.2	0.0	0.0	0.0	18.2	0.0
UNION	28.6	42.9	0.0	14.3	0.0	0.0	0.0
WAYNE	4.2	5.5	2.8	4.2	2.8	1.4	0.0
Richmond	2.6	5.1	2.6	7.7	5.1	2.6	0.0
2-3	3.9	3.4	2.2	3.4	2.2	4.5	2.2
GRANT	5.2	1.3	3.9	3.9	2.6	1.3	1.3
Gas City	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marion	8.4	0.0	5.6	8.4	2.8	2.8	2.8
HOWARD	1.2	3.5	1.2	2.3	1.2	7.0	3.5
Kokomo	2.2	6.6	0.0	4.4	2.2	11.0	6.6
TIPTON	12.3	12.3	0.0	6.2	6.2	6.2	0.0
Tipton	21.3	0.0	0.0	0.0	21.3	0.0	0.0
2-4	2.6	4.4	4.8	3.3	2.6	1.5	2.2
BENTON	0.0	0.0	0.0	0.0	10.2	0.0	10.2
CARROLL	0.0	0.0	5.2	0.0	10.5	0.0	0.0
CLINTON	6.4	6.4	3.2	3.2	0.0	3.2	0.0
Frankfort	6.6	0.0	6.6	6.6	0.0	0.0	0.0
FOUNTAIN	5.4	0.0	16.1	5.4	0.0	0.0	5.4
MONTGOMERY	2.8	2.8	0.0	2.8	5.7	0.0	0.0
Crawfordsville	7.4	0.0	0.0	0.0	7.4	0.0	0.0
TIPPECANOE	2.4	6.4	4.0	2.4	0.8	2.4	1.6
Lafayette	2.3	11.3	9.0	6.8	2.3	2.3	0.0
W. Lafayette	4.8	9.6	0.0	0.0	0.0	0.0	9.6
WARREN	0.0	0.0	11.8	0.0	0.0	0.0	0.0
WHITE	0.0	4.3	8.6	12.9	4.3	0.0	8.6
Monticello	0.0	20.0	0.0	40.0	20.0	0.0	40.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
HSA 3	947.5	361.3	212.8	80.6	27.7	30.9	23.9	19.0	16.2
3-1	1,114.1	448.9	235.5	105.4	38.0	30.2	36.2	21.5	16.5
CLAY	1,295.5	413.0	303.6	178.1	36.4	24.3	40.5	24.3	16.2
Brazil	1,662.3	571.4	389.6	272.7	64.9	26.0	90.9	13.0	0.0
PARKE	1,239.0	685.5	163.5	37.7	44.0	12.6	37.7	56.6	31.4
PUTNAM	960.0	360.0	210.0	93.3	26.7	63.3	16.7	13.3	13.3
Greencastle	1,353.7	512.2	256.1	207.3	36.6	109.8	0.0	0.0	36.6
SULLIVAN	1,208.7	466.0	252.4	131.1	43.7	43.7	34.0	19.4	29.1
VERMILLION	1,227.3	522.7	301.1	68.2	85.2	17.0	28.4	11.4	28.4
Clinton	1,729.2	812.5	333.3	83.3	104.2	0.0	104.2	0.0	83.3
VIGO	1,061.2	432.0	223.7	103.2	32.0	24.7	42.0	20.1	11.0
Terre Haute	1,393.8	552.7	302.2	139.9	39.7	44.9	55.3	10.4	17.3
3-2	832.3	290.0	192.8	74.7	20.9	28.7	27.2	25.1	17.8
GREENE	1,174.3	539.5	240.1	62.5	23.0	23.0	26.3	36.2	26.3
Linton	1,644.1	898.3	254.2	84.7	16.9	33.9	33.9	67.8	33.9
LAWRENCE	1,077.8	325.5	283.0	106.1	33.0	35.4	37.7	35.4	21.2
Bedford	1,489.1	481.8	365.0	182.5	51.1	36.5	73.0	7.3	21.9
MONROE	598.8	202.6	130.8	66.9	12.8	18.7	18.7	17.7	12.8
Bloomington	746.7	241.9	165.7	91.4	13.3	24.8	36.2	11.4	13.3
OWEN	1,005.9	278.1	254.4	65.1	35.5	82.8	53.3	23.7	23.7
3-3	908.7	350.7	205.1	66.0	29.8	35.1	15.5	20.0	17.0
BARTHOLOMEW	779.8	268.2	184.5	52.7	23.3	24.8	20.2	20.2	10.9
Columbus	1,003.2	350.6	204.5	94.2	22.7	32.5	29.2	29.2	13.0
BROWN	812.5	328.1	187.5	46.9	31.3	39.1	0.0	7.8	0.0
DEARBORN	905.9	322.6	209.7	78.0	34.9	45.7	13.4	13.4	18.8
DECATUR	1,102.1	472.3	272.3	68.1	25.5	12.8	17.0	21.3	34.0
Greensburg	1,590.9	670.5	363.6	125.0	22.7	11.4	11.4	0.0	79.5
JACKSON	946.1	404.3	180.6	80.9	43.1	18.9	10.8	29.6	24.3
Seymour	1,196.1	477.1	235.3	117.6	65.4	32.7	0.0	26.1	32.7
JEFFERSON	979.5	406.1	187.7	51.2	34.1	51.2	13.7	23.9	13.7
Madison	1,405.2	594.8	275.9	60.3	43.1	43.1	25.9	17.2	25.9
JENNINGS	881.6	355.3	188.6	83.3	17.5	30.7	13.2	21.9	17.5
N. Vernon	1,339.3	589.3	196.4	196.4	35.7	71.4	35.7	0.0	17.9
OHIO	981.1	415.1	150.9	75.5	37.7	94.3	0.0	18.9	18.9
RIPLEY	905.5	318.9	255.9	74.8	23.6	43.3	27.6	15.7	15.7
SWITZERLAND	1,178.1	424.7	287.7	41.1	41.1	95.9	13.7	13.7	13.7
3-4	1,011.6	398.7	222.2	109.3	22.0	28.1	28.1	12.8	17.7
DAVIESS	1,055.7	428.6	184.7	153.3	17.4	13.9	41.8	34.8	17.4
Washington	1,433.6	548.7	274.3	230.1	26.5	26.5	35.4	26.5	35.4
DUBOIS	708.3	288.9	152.8	75.0	11.1	33.3	5.6	8.3	11.1
Huntingburg	886.8	358.5	94.3	56.6	18.9	37.7	37.7	18.9	18.9
Jasper	854.2	322.9	229.2	114.6	10.4	41.7	0.0	0.0	0.0
GIBSON	1,074.6	364.2	280.6	101.5	17.9	35.8	32.8	9.0	29.9
Princeton	1,516.9	505.6	370.8	123.6	11.2	44.9	56.2	0.0	44.9
KNOX	1,173.9	478.3	248.8	135.3	41.1	26.6	31.4	7.2	16.9
Vincennes	1,243.9	458.5	263.4	180.5	48.8	43.9	24.4	0.0	19.5
MARTIN	1,018.2	454.5	245.5	63.6	0.0	63.6	9.1	9.1	18.2
PIKE	1,068.2	424.2	242.4	83.3	30.3	0.0	53.0	7.6	7.6

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)		NEPHRITIS & NEPHROSIS		CERTAIN CAUSES OF PERINATAL MORTALITY		CIRRHOSIS OF LIVER		EMPHYSEMA HOMICIDE
	SUICIDE			SEPTICEMIA					
HSA 3	18.9	11.3	10.9	8.2	5.9	6.4	6.1	3.6	
3-1	21.5	9.6	7.8	9.2	4.6	7.3	5.0	3.7	
CLAY	24.3	8.1	12.1	12.1	4.0	12.1	8.1	8.1	
Brazil	39.0	0.0	26.0	0.0	0.0	0.0	0.0	26.0	
PARKE	31.4	12.6	6.3	0.0	6.3	6.3	6.3	0.0	
PUTNAM	16.7	0.0	6.7	6.7	0.0	6.7	6.7	3.3	
Greencastle	12.2	0.0	12.2	24.4	0.0	0.0	0.0	0.0	
SULLIVAN	38.8	4.9	14.6	14.6	4.9	0.0	0.0	0.0	
VERMILLION	28.4	5.7	5.7	11.4	0.0	11.4	11.4	0.0	
Clinton	0.0	0.0	0.0	0.0	0.0	41.7	20.8	0.0	
VIGO	16.4	13.7	6.4	9.1	6.4	7.3	3.7	4.6	
Terre Haute	24.2	17.3	8.6	15.5	6.9	10.4	5.2	3.5	
3-2	12.5	9.9	9.9	6.8	7.3	3.1	9.4	2.6	
GREENE	13.2	16.4	6.6	13.2	3.3	9.9	13.2	3.3	
Linton	16.9	0.0	0.0	0.0	16.9	16.9	16.9	0.0	
LAWRENCE	9.4	9.4	21.2	2.4	4.7	2.4	14.2	2.4	
Bedford	14.6	7.3	29.2	0.0	7.3	0.0	21.9	0.0	
MONROE	14.7	8.8	6.9	3.9	6.9	2.0	6.9	2.9	
Bloomington	19.0	9.5	7.6	1.9	11.4	3.8	11.4	1.9	
OWEN	5.9	5.9	5.9	23.7	23.7	0.0	5.9	0.0	
3-3	18.9	9.4	11.3	7.9	7.2	5.7	3.8	3.4	
BARTHOLOMEW	15.5	12.4	10.9	9.3	6.2	6.2	7.8	3.1	
Columbus	16.2	9.7	16.2	16.2	9.7	3.2	6.5	6.5	
BROWN	0.0	23.4	0.0	31.3	0.0	7.8	7.8	15.6	
DEARBORN	34.9	2.7	5.4	10.8	8.1	5.4	5.4	10.8	
DECATUR	17.0	8.5	0.0	4.3	17.0	0.0	0.0	4.3	
Greensburg	11.4	22.7	0.0	11.4	22.7	0.0	0.0	11.4	
JACKSON	27.0	2.7	24.3	10.8	5.4	5.4	0.0	0.0	
Seymour	26.1	6.5	45.8	13.1	13.1	6.5	0.0	0.0	
JEFFERSON	34.1	3.4	6.8	0.0	3.4	10.2	3.4	0.0	
Madison	60.3	0.0	8.6	0.0	0.0	17.2	8.6	0.0	
JENNINGS	8.8	13.2	4.4	4.4	4.4	0.0	0.0	0.0	
N. Vernon	17.9	0.0	0.0	0.0	17.9	0.0	0.0	0.0	
OHIO	0.0	18.9	18.9	0.0	0.0	0.0	0.0	0.0	
RIPLEY	0.0	15.7	19.7	3.9	7.9	7.9	0.0	0.0	
SWITZERLAND	13.7	13.7	41.1	0.0	27.4	13.7	13.7	0.0	
3-4	20.1	9.2	16.5	7.3	4.3	5.5	6.1	6.1	
DAVISS	13.9	7.0	20.9	10.5	3.5	3.5	3.5	0.0	
Washington	26.5	8.8	35.4	8.8	0.0	8.8	8.8	0.0	
DUBOIS	13.9	5.6	11.1	5.6	5.6	8.3	5.6	2.8	
Huntingburg	18.9	0.0	37.7	0.0	0.0	37.7	18.9	18.9	
Jasper	20.8	10.4	10.4	10.4	10.4	10.4	10.4	0.0	
GIBSON	23.9	6.0	29.9	11.9	3.0	3.0	9.0	9.0	
Princeton	33.7	0.0	78.7	11.2	0.0	0.0	11.2	22.5	
KNOX	21.7	12.1	9.7	4.8	4.8	9.7	7.2	4.8	
Vincennes	19.5	14.6	14.6	0.0	0.0	4.9	14.6	4.9	
MARTIN	36.4	18.2	0.0	9.1	9.1	0.0	9.1	0.0	
PIKE	22.7	15.2	22.7	0.0	0.0	0.0	0.0	30.3	

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER HYPERTENSIVE DISEASES	ULCER OF STOMACH-DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
HSA 3	4.6	4.3	5.0	3.1	2.7	2.2	1.4
3-1	3.7	2.7	3.2	1.8	1.8	3.2	1.4
CLAY	4.0	0.0	8.1	4.0	4.0	0.0	0.0
Brazil	13.0	0.0	0.0	13.0	0.0	0.0	0.0
PARKE	0.0	0.0	12.6	0.0	0.0	6.3	0.0
PUTNAM	10.0	6.7	3.3	0.0	3.3	6.7	0.0
Greencastle	0.0	24.4	12.2	0.0	0.0	12.2	0.0
SULLIVAN	0.0	0.0	0.0	0.0	4.9	9.7	0.0
VERMILLION	0.0	0.0	0.0	11.4	5.7	0.0	0.0
Clinton	0.0	0.0	0.0	0.0	20.8	0.0	0.0
VIGO	3.7	3.7	1.8	0.9	0.0	1.8	2.7
Terre Haute	1.7	6.9	3.5	1.7	0.0	3.5	1.7
3-2	4.7	5.2	3.7	2.1	3.1	1.6	0.0
GREENE	6.6	9.9	6.6	0.0	3.3	3.3	0.0
Linton	0.0	33.9	0.0	0.0	0.0	16.9	0.0
LAWRENCE	7.1	2.4	4.7	4.7	4.7	0.0	0.0
Bedford	14.6	7.3	0.0	7.3	7.3	0.0	0.0
MONROE	2.9	3.9	2.0	2.0	2.0	2.0	0.0
Bloomington	3.8	5.7	3.8	3.8	3.8	3.8	0.0
OWEN	5.9	11.8	5.9	0.0	5.9	0.0	0.0
3-3	5.3	5.3	4.9	3.8	2.6	3.0	0.8
BARTHOLOMEW	7.8	4.7	9.3	4.7	3.1	4.7	1.6
Columbus	6.5	9.7	13.0	6.5	0.0	0.0	3.2
BROWN	7.8	0.0	0.0	0.0	15.6	7.8	0.0
DEARBORN	5.4	2.7	2.7	10.8	2.7	0.0	0.0
DECATUR	12.8	4.3	4.3	8.5	0.0	0.0	4.3
Greensburg	22.7	0.0	11.4	11.4	0.0	0.0	11.4
JACKSON	2.7	8.1	2.7	0.0	0.0	0.0	0.0
Seymour	6.5	13.1	6.5	0.0	0.0	0.0	0.0
JEFFERSON	3.4	6.8	3.4	3.4	0.0	3.4	0.0
Madison	0.0	8.6	0.0	8.6	0.0	8.6	0.0
JENNINGS	0.0	0.0	4.4	0.0	4.4	8.8	0.0
N. Vernon	0.0	0.0	17.9	0.0	17.9	0.0	0.0
OHIO	0.0	0.0	37.7	0.0	0.0	0.0	0.0
RIPLEY	3.9	11.8	0.0	0.0	3.9	0.0	0.0
SWITZERLAND	0.0	13.7	0.0	0.0	0.0	13.7	0.0
3-4	5.5	5.5	4.9	3.7	4.3	1.8	0.0
DAVISS	3.5	7.0	3.5	3.5	3.5	0.0	0.0
Washington	0.0	8.8	0.0	0.0	8.8	0.0	0.0
DUBOIS	5.6	2.8	0.0	5.6	5.6	2.8	0.0
Huntingburg	0.0	0.0	0.0	0.0	37.7	0.0	0.0
Jasper	0.0	10.4	0.0	10.4	0.0	0.0	0.0
GIBSON	3.0	9.0	3.0	0.0	9.0	0.0	0.0
Princeton	0.0	22.5	11.2	0.0	22.5	0.0	0.0
KNOX	9.7	7.2	7.2	7.2	0.0	2.4	0.0
Vincennes	4.9	4.9	14.6	4.9	0.0	4.9	0.0
MARTIN	0.0	0.0	9.1	0.0	0.0	0.0	0.0
PIKE	7.6	0.0	15.2	0.0	7.6	7.6	0.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ALL CAUSES	DISEASES OF HEART	CANCER	CEREBRO- VASCULAR DISEASE	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	PNEUMONIA	DISEASES OF ARTERIES	MOTOR VEHICLE ACCIDENTS	DIABETES MELLITUS
3-5	907.3	334.6	213.1	74.2	25.7	38.3	17.4	20.1	13.0
CLARK	878.4	331.1	203.8	83.3	25.9	21.4	14.6	14.6	15.8
Charlestown	793.1	327.6	155.2	155.2	17.2	17.2	0.0	0.0	0.0
Clarksville	1,248.3	427.6	275.9	13.8	48.3	48.3	41.4	20.7	27.6
Jeffersonville	1,446.0	586.9	323.9	98.6	42.3	42.3	18.8	23.5	18.8
CRAWFORD	1,068.0	368.9	233.0	38.8	29.1	87.4	38.8	19.4	9.7
FLOYD	901.6	349.2	225.4	69.8	22.2	38.1	20.6	14.3	12.7
New Albany	1,166.7	448.9	311.8	75.3	26.9	56.5	26.9	10.8	18.8
HARRISON	732.0	230.2	185.6	72.2	13.7	20.6	6.9	30.9	17.2
ORANGE	984.5	305.7	264.2	98.4	20.7	51.8	25.9	41.5	0.0
SCOTT	1,019.6	362.7	230.4	58.8	58.8	83.3	14.7	9.8	9.8
Scottsburg	1,392.2	588.2	215.7	117.6	98.0	176.5	19.6	0.0	0.0
WASHINGTON	1,022.2	426.7	182.2	62.2	22.2	53.3	17.8	35.6	13.3
Salem	1,528.3	735.8	245.3	113.2	18.9	56.6	18.9	18.9	0.0
3-6	931.7	354.2	210.4	68.3	27.7	23.7	23.4	14.4	16.2
PERRY	878.9	278.9	184.2	73.7	21.1	31.6	73.7	15.8	0.0
Tell City	872.1	232.6	186.0	104.7	23.3	23.3	127.9	0.0	0.0
POSEY	736.4	267.4	197.7	65.9	15.5	7.8	3.9	19.4	3.9
Mt. Vernon	1,036.6	390.2	243.9	109.8	12.2	12.2	0.0	12.2	0.0
SPENCER	812.8	330.0	177.3	78.8	9.9	39.4	24.6	9.9	0.0
VANDEBURGH	1,035.8	390.8	242.2	75.2	33.4	25.1	23.3	12.5	17.9
Evansville	1,241.0	471.9	288.7	90.8	41.6	28.5	26.9	14.6	22.3
WARRICK	733.5	310.6	125.6	37.4	24.2	17.6	13.2	19.8	30.8
Boonville	1,444.4	680.6	222.2	69.4	55.6	55.6	0.0	13.9	83.3

* Per 100,000 Population

Source: ISBH-Public Health Statistics

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	ACCIDENTS (EX. MVA)	SUICIDE	NEPHRITIS & NEPHROSIS	SEPTICEMIA	CERTAIN CAUSES OF			
					PERINATAL MORTALITY	CIRRHOSIS OF LIVER	EMPHYSEMA	HOMICIDE
3-5	23.3	13.4	11.0	5.5	7.1	7.5	5.9	4.7
CLARK	21.4	13.5	7.9	5.6	3.4	12.4	4.5	5.6
Charlestown	0.0	34.5	0.0	0.0	0.0	0.0	0.0	0.0
Clarksville	34.5	0.0	6.9	13.8	6.9	13.8	6.9	13.8
Jeffersonville	32.9	18.8	18.8	4.7	0.0	18.8	14.1	4.7
CRAWFORD	29.1	19.4	19.4	9.7	9.7	0.0	29.1	0.0
FLOYD	14.3	12.7	6.3	3.2	12.7	0.0	7.9	3.2
New Albany	16.1	16.1	8.1	5.4	13.4	0.0	8.1	5.4
HARRISON	20.6	17.2	13.7	3.4	6.9	6.9	3.4	6.9
ORANGE	25.9	5.2	15.5	15.5	15.5	10.4	5.2	0.0
SCOTT	39.2	9.8	29.4	4.9	4.9	14.7	0.0	9.8
Scottsburg	19.6	19.6	39.2	0.0	19.6	19.6	0.0	0.0
WASHINGTON	40.0	17.8	8.9	4.4	0.0	4.4	4.4	4.4
Salem	18.9	18.9	18.9	18.9	0.0	0.0	0.0	0.0
3-6	16.5	14.7	10.1	11.9	4.7	8.3	6.8	1.8
PERRY	15.8	21.1	10.5	5.3	10.5	0.0	0.0	5.3
Tell City	0.0	0.0	11.6	11.6	11.6	0.0	0.0	0.0
POSEY	23.3	3.9	3.9	23.3	11.6	3.9	3.9	0.0
Mt. Vernon	24.4	0.0	12.2	36.6	24.4	0.0	12.2	0.0
SPENCER	14.8	9.9	4.9	4.9	4.9	9.9	14.8	0.0
VANDERBURGH	14.3	14.9	12.5	11.9	4.2	11.3	8.4	1.8
Evansville	14.6	18.5	16.2	15.4	3.1	13.1	10.0	2.3
WARRICK	22.0	19.8	6.6	11.0	0.0	2.2	2.2	2.2
Boonville	27.8	27.8	0.0	13.9	0.0	0.0	13.9	0.0

Table 4-5A

DEATH RATES* BY SELECTED CAUSES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY, AND CITY, INDIANA, 1986

AREA	CONGENITAL ANOMALIES	ALZHEIMER'S DISEASE	GASTRITIS, ETC.	OTHER HYPERTENSIVE DISEASES	ULCER OF STOMACH- DUODENUM	HERNIA - INTESTINAL OBSTRUCTION	SUDDEN INFANT DEATH SYNDROME
3-5	3.6	3.9	5.9	4.3	2.8	1.6	3.2
CLARK	5.6	2.3	7.9	3.4	2.3	2.3	5.6
Charlestown	0.0	17.2	0.0	0.0	0.0	0.0	17.2
Clarksville	0.0	0.0	20.7	0.0	0.0	6.9	0.0
Jeffersonville	18.8	4.7	9.4	4.7	0.0	4.7	9.4
CRAWFORD	0.0	9.7	0.0	0.0	19.4	9.7	9.7
FLOYD	3.2	0.0	4.8	6.3	0.0	0.0	0.0
New Albany	5.4	0.0	5.4	8.1	0.0	0.0	0.0
HARRISON	6.9	6.9	3.4	3.4	6.9	0.0	3.4
ORANGE	0.0	0.0	5.2	0.0	0.0	0.0	0.0
SCOTT	0.0	4.9	4.9	0.0	0.0	0.0	4.9
Scottsburg	0.0	0.0	19.6	0.0	0.0	0.0	0.0
WASHINGTON	0.0	17.8	8.9	13.3	4.4	4.4	0.0
Salem	0.0	37.7	37.7	56.6	18.9	0.0	0.0
3-6	5.0	3.6	6.8	2.9	2.2	1.8	2.2
PERRY	0.0	10.5	5.3	10.5	0.0	0.0	0.0
Tell City	0.0	0.0	0.0	23.3	0.0	0.0	0.0
POSEY	7.8	0.0	11.6	3.9	0.0	0.0	3.9
Mt. Vernon	12.2	0.0	12.2	12.2	0.0	0.0	12.2
SPENCER	0.0	0.0	0.0	4.9	4.9	0.0	0.0
VANDERBURGH	6.0	3.6	8.4	2.4	3.0	2.4	3.0
Evansville	6.2	4.6	10.0	3.1	3.8	2.3	3.8
WARRICK	4.4	4.4	2.2	0.0	0.0	2.2	0.0
Boonville	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 4-6

NUMBER OF DEATHS BY AGE, BY CAUSE,
RACE, AND SEX, INDIANA RESIDENTS, 1986

CAUSE	TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	
		UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +	
TOTAL ALL CAUSES	TOTALS	49,257	888	180	202	837	2,375	2,597	6,759	11,414	13,622	10,383
OF DEATH	WM	23,592	410	92	117	556	1,413	1,455	3,804	6,211	6,320	3,214
	WF	21,969	290	54	62	192	621	854	2,317	4,360	6,530	6,689
	NWM	2,048	104	17	11	69	235	188	371	459	399	195
	NWF	1,648	84	17	12	20	106	100	267	384	373	285
HEART DISEASE	TOTALS	18,272	23	1	7	21	363	837	2,324	4,251	5,683	4,762
	WM	8,741	11	0	5	9	246	570	1,490	2,453	2,575	1,382
	WF	8,374	9	1	0	8	59	176	634	1,497	2,793	3,197
	NWM	611	2	0	0	1	28	70	126	158	154	72
	NWF	546	1	0	2	3	30	21	74	143	161	111
RHEUMATIC FEVER -	TOTALS	141	0	0	1	2	9	15	21	33	46	14
CHRONIC RHEUMATIC	WM	35	0	0	0	0	3	6	2	9	11	4
	WF	99	0	0	0	1	4	9	18	23	34	10
	NWM	3	0	0	0	0	1	0	0	1	1	0
	NWF	4	0	0	1	1	1	0	1	0	0	0
HYPERTENSIVE HEART	TOTALS	342	0	0	0	0	5	17	49	90	96	85
DISEASE	WM	106	0	0	0	0	3	8	22	41	19	13
	WF	174	0	0	0	0	1	4	17	30	59	63
	NWM	23	0	0	0	0	1	0	6	9	5	2
	NWF	39	0	0	0	0	0	5	4	10	13	7
HYPERTENSIVE HEART -	TOTALS	104	0	0	0	0	1	0	3	9	33	58
RENAL HEART	WM	29	0	0	0	0	0	0	1	3	14	11
	WF	67	0	0	0	0	1	0	2	4	19	41
	NWM	4	0	0	0	0	0	0	0	1	0	3
	NWF	4	0	0	0	0	0	0	0	1	0	3
ACUTE MYOCARDIAL	TOTALS	6,605	0	0	0	3	164	396	1,092	1,845	2,043	1,062
INFARCTION	WM	3,643	0	0	0	2	125	296	760	1,117	980	363
	WF	2,631	0	0	0	1	23	72	263	623	983	666
	NWM	201	0	0	0	0	9	24	47	66	44	11
	NWF	130	0	0	0	0	7	4	22	39	36	22
OTHER ISCHEMIC -	TOTALS	6,463	0	0	1	0	74	221	667	1,316	2,050	2,134
HEART DISEASE	WM	2,940	0	0	1	0	55	147	424	767	935	611
	WF	3,135	0	0	0	0	6	46	179	443	1,004	1,457
	NWM	199	0	0	0	0	7	25	42	50	47	28
	NWF	189	0	0	0	0	6	3	22	56	64	38
PULMONARY CIRCULATION	TOTALS	279	7	0	0	3	15	19	47	84	70	34
DISEASE	WM	125	3	0	0	0	4	11	28	39	27	13
	WF	131	3	0	0	2	9	7	12	38	40	20
	NWM	10	1	0	0	0	0	1	4	3	1	0
	NWF	13	0	0	0	1	2	0	3	4	2	1

Table 4-6

NUMBER OF DEATHS BY AGE, BY CAUSE,
RACE, AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
OTHER HEART DISEASES	TOTALS	4,338	16	1	5	13	95	169	445	874	1,345	1,375
	WM	1,863	8	0	4	7	56	102	253	477	589	367
	WF	2,137	6	1	0	4	15	38	143	336	654	940
	NWM	171	1	0	0	1	10	20	27	28	56	28
	NWF	167	1	0	1	1	14	9	22	33	46	40
CANCER	TOTALS	11,172	2	16	28	63	481	909	2,510	3,414	2,700	1,049
	WM	5,545	0	8	20	35	197	419	1,292	1,810	1,364	400
	WF	4,786	2	4	6	25	238	406	990	1,351	1,183	581
	NWM	474	0	3	2	1	24	46	130	146	91	31
	NWF	367	0	1	0	2	22	38	98	107	62	37
BUCCAL CAVITY - PHARYNX	TOTALS	166	0	0	0	0	7	14	49	59	30	7
	WM	105	0	0	0	0	5	8	34	36	18	4
	WF	46	0	0	0	0	1	4	9	18	11	3
	NWM	6	0	0	0	0	1	1	2	2	0	0
	NWF	9	0	0	0	0	0	1	4	3	1	0
DIGESTIVE ORGANS - PERITONEUM	TOTALS	2,704	1	0	0	3	87	185	524	809	741	354
	WM	1,259	0	0	0	2	44	86	279	425	319	104
	WF	1,204	1	0	0	0	29	69	186	322	371	226
	NWM	114	0	0	0	0	7	15	30	35	23	4
	NWF	127	0	0	0	1	7	15	29	27	28	20
RESPIRATORY SYSTEM	TOTALS	3,247	0	0	1	3	64	309	981	1,115	650	124
	WM	2,079	0	0	1	2	37	186	608	738	434	73
	WF	920	0	0	0	1	18	94	289	290	184	44
	NWM	188	0	0	0	0	9	26	57	62	28	6
	NWF	60	0	0	0	0	0	3	27	25	4	1
BREAST	TOTALS	948	0	0	0	0	92	124	209	243	201	79
	WM	5	0	0	0	0	0	1	1	1	2	0
	WF	876	0	0	0	0	86	113	192	221	190	74
	NWM	0	0	0	0	0	0	0	0	0	0	0
	NWF	67	0	0	0	0	6	10	16	21	9	5
FEMALE REPRODUCTIVE ORGANS	TOTALS	555	0	0	0	0	45	47	128	178	102	55
	WM	0	0	0	0	0	0	0	0	0	0	0
	WF	517	0	0	0	0	39	44	120	166	96	52
	NWM	0	0	0	0	0	0	0	0	0	0	0
	NWF	38	0	0	0	0	6	3	8	12	6	3
KIDNEY	TOTALS	254	0	0	0	1	10	25	65	66	69	18
	WM	148	0	0	0	1	7	15	36	40	43	6
	WF	90	0	0	0	0	2	10	21	21	24	12
	NWM	13	0	0	0	0	1	0	7	3	2	0
	NWF	3	0	0	0	0	0	0	1	2	0	0

Table 4-6

NUMBER OF DEATHS BY AGE, BY CAUSE,
RACE, AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES									
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
OTHER GENITOURINARY ORGANS	TOTALS	890	0	0	0	2	6	16	91	275	333	167
	WM	729	0	0	0	2	6	15	70	227	278	131
	WF	77	0	0	0	0	0	1	9	20	27	20
	NWM	78	0	0	0	0	0	0	11	24	27	16
	NWF	6	0	0	0	0	0	0	1	4	1	0
LYMPHATIC-HAEMOPOIETIC TISSUE	TOTALS	1,038	0	7	17	29	78	69	193	272	260	113
	WM	539	0	3	12	16	51	37	107	152	122	39
	WF	439	0	3	3	13	22	26	69	110	125	68
	NWM	33	0	1	2	0	4	2	12	6	4	2
	NWF	27	0	0	0	0	1	4	5	4	9	4
OTHER UNSPECIFICS	TOTALS	1,370	1	9	10	25	92	120	270	397	314	132
	WM	681	0	5	7	12	47	71	157	191	148	43
	WF	617	1	1	3	11	41	45	95	183	155	82
	NWM	42	0	2	0	1	2	2	11	14	7	3
	NWF	30	0	1	0	1	2	2	7	9	4	4
CEREBROVASCULAR DISEASE	TOTALS	3,972	2	0	1	3	71	109	306	737	1,361	1,382
	WM	1,442	1	0	0	0	27	53	128	353	531	349
	WF	2,234	1	0	1	3	26	35	131	320	742	975
	NWM	136	0	0	0	0	10	13	30	27	34	22
	NWF	160	0	0	0	0	8	8	17	37	54	36
ACCIDENTS	TOTALS	1,967	17	82	92	423	544	155	134	188	183	149
	WM	1,249	4	40	56	309	401	103	85	105	87	59
	WF	590	9	27	22	94	99	44	45	74	88	88
	NWM	81	2	6	7	18	33	6	2	5	2	0
	NWF	47	2	9	7	2	11	2	2	4	6	2
MOTOR VEHICLE	TOTALS	1,063	2	25	45	341	369	88	71	65	42	15
	WM	722	0	15	29	248	272	51	42	30	23	12
	WF	296	2	10	12	81	76	33	26	34	19	3
	NWM	32	0	0	2	10	16	3	1	0	0	0
	NWF	13	0	0	2	2	5	1	2	1	0	0
POISONING	TOTALS	57	0	0	0	5	33	5	6	5	3	0
	WM	41	0	0	0	5	24	2	3	4	3	0
	WF	11	0	0	0	0	5	3	3	0	0	0
	NWM	4	0	0	0	0	3	0	0	1	0	0
	NWF	1	0	0	0	0	1	0	0	0	0	0
FALLS	TOTALS	243	1	1	0	4	12	9	10	39	76	91
	WM	113	1	0	0	3	9	8	6	23	33	30
	WF	122	0	0	0	1	2	1	3	14	42	59
	NWM	4	0	1	0	0	1	0	1	1	0	0
	NWF	4	0	0	0	0	0	0	0	1	1	2

Table 4-6

NUMBER OF DEATHS BY AGE, BY CAUSE,
RACE, AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES UNDER 1	AGES 1-4	AGES 5-14	AGES 15-24	AGES 25-44	AGES 45-54	AGES 55-64	AGES 65-74	AGES 75-84	AGES 85 +
FIRE - EXPLOSION	TOTALS	141	6	29	16	11	27	9	8	15	12	8
	WM	64	7	10	6	6	12	5	6	10	3	5
	WF	47	3	7	4	4	10	2	2	5	7	3
	NWM	15	2	4	3	1	3	2	0	0	0	0
	NWF	15	0	8	3	0	2	0	0	0	2	0
DROWNING	TOTALS	77	1	11	12	25	14	1	3	7	2	1
	WM	55	0	8	6	19	12	0	3	6	1	0
	WF	9	0	3	2	1	0	1	0	1	0	1
	NWM	10	0	0	2	5	2	0	0	0	1	0
	NWF	3	1	0	2	0	0	0	0	0	0	0
INHALATION - INGESTION	TOTALS	70	2	5	0	0	5	4	9	15	12	18
	WM	27	1	2	0	0	5	3	2	7	3	4
	WF	42	1	3	0	0	0	1	7	8	8	14
	NWM	0	0	0	0	0	0	0	0	0	0	0
	NWF	1	0	0	0	0	0	0	0	0	1	0
ALL OTHER	TOTALS	316	5	11	19	37	84	39	27	42	36	16
	WM	227	1	5	15	28	67	34	23	25	21	8
	WF	63	3	4	4	7	6	3	4	12	12	8
	NWM	16	0	1	0	2	8	1	0	3	1	0
	NWF	10	1	1	0	0	3	1	0	2	2	0
OTHER CHRONIC OBSTRUCTIONS	TOTALS	1,450	0	0	0	0	11	39	204	501	533	162
	WM	882	0	0	0	0	4	17	107	307	342	105
	WF	507	0	0	0	0	6	21	85	178	165	52
	NWM	47	0	0	0	0	0	1	7	14	20	5
	NWF	14	0	0	0	0	1	0	5	2	6	0
PNEUMONIA	TOTALS	1,416	9	4	6	7	30	22	88	199	475	576
	WM	636	5	2	3	5	12	9	53	112	232	203
	WF	688	3	1	2	1	11	12	27	74	214	343
	NWM	50	1	1	1	1	4	1	6	7	14	14
	NWF	42	0	0	0	0	3	0	2	6	15	16
DISEASES OF ARTERIES	TOTALS	1,168	1	1	0	3	18	19	95	235	346	450
	WM	528	0	1	0	1	12	13	64	141	173	123
	WF	584	1	0	0	2	4	3	28	74	158	314
	NWM	24	0	0	0	0	0	1	3	12	3	5
	NWF	32	0	0	0	0	2	2	0	8	12	8
DIABETES MELLITUS	TOTALS	968	0	0	1	7	47	42	146	274	312	139
	WM	357	0	0	0	3	24	19	59	105	112	35
	WF	494	0	0	1	3	18	13	55	133	178	93
	NWM	46	0	0	0	1	4	6	13	13	7	2
	NWF	71	0	0	0	0	1	4	19	23	15	9

Table 4-6

NUMBER OF DEATHS BY AGE, BY CAUSE,
RACE, AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
SUICIDE	TOTALS	644	0	0	6	115	251	65	87	72	42	6
	WM	509	0	0	5	92	199	47	66	57	38	5
	WF	104	0	0	1	16	33	16	21	12	4	1
	NWM	25	0	0	0	5	17	1	0	2	0	0
	NWF	6	0	0	0	2	2	1	0	1	0	0
NEPHRITIS - NEPHROSIS	TOTALS	598	3	1	0	5	16	21	42	111	200	199
	WM	252	0	1	0	3	10	6	19	45	82	86
	WF	279	0	0	0	1	4	9	16	49	104	96
	NWM	41	3	0	0	1	0	5	3	11	10	8
	NWF	26	0	0	0	0	2	1	4	6	4	9
SEPTICEMIA	TOTALS	451	7	2	0	1	14	17	43	95	127	145
	WM	180	4	1	0	1	5	11	28	47	40	43
	WF	228	2	0	0	0	4	3	13	40	75	91
	NWM	22	0	0	0	0	5	1	1	5	6	4
	NWF	21	1	1	0	0	0	2	1	3	6	7
CIRRHOSIS OF LIVER	TOTALS	428	0	0	0	2	44	71	117	130	52	12
	WM	260	0	0	0	1	24	54	71	75	32	3
	WF	120	0	0	0	0	8	9	30	47	17	9
	NWM	28	0	0	0	0	12	3	8	3	2	0
	NWF	20	0	0	0	1	0	5	8	5	1	0
EMPHYSEMA	TOTALS	382	0	0	0	0	2	16	60	137	133	34
	WM	245	0	0	0	0	1	6	33	92	89	24
	WF	125	0	0	0	0	1	10	22	41	42	9
	NWM	9	0	0	0	0	0	0	3	3	2	1
	NWF	3	0	0	0	0	0	0	2	1	0	0
HOMICIDE	TOTALS	301	3	15	8	72	135	28	15	16	6	3
	WM	125	1	9	3	27	58	12	4	6	4	1
	WF	49	1	1	4	11	15	5	6	3	2	1
	NWM	104	1	3	1	28	54	9	3	4	0	1
	NWF	23	0	2	0	6	8	2	2	3	0	0
CONGENITAL ANOMALIES	TOTALS	272	199	16	4	14	15	8	4	7	3	2
	WM	143	106	7	2	10	8	5	1	2	1	1
	WF	99	70	7	2	3	5	2	3	4	2	1
	NWM	18	16	0	0	1	0	0	0	1	0	0
	NWF	12	7	2	0	0	2	1	0	0	0	0
ALZHEIMER'S DISEASE	TOTALS	265	0	0	0	0	0	2	16	63	114	70
	WM	104	0	0	0	0	0	1	4	31	42	26
	WF	154	0	0	0	0	0	0	10	30	70	44
	NWM	5	0	0	0	0	0	0	1	2	2	0
	NWF	2	0	0	0	0	0	1	1	0	0	0

Table 4-6

NUMBER OF DEATHS BY AGE, BY CAUSE,
RACE, AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
GASTRITIS, ETC.	TOTALS	222	1	2	2	1	6	4	23	61	68	54
	WM	82	0	1	1	1	3	2	10	29	18	17
	WF	128	0	1	0	0	3	2	11	29	46	36
	NWM	7	1	0	0	0	0	0	1	3	2	0
	NWF	5	0	0	1	0	0	0	1	0	2	1
OTHER HYPERTENSIVE DISEASES	TOTALS	196	0	0	0	0	1	5	25	54	61	50
	WM	79	0	0	0	0	1	1	11	27	28	11
	WF	95	0	0	0	0	0	1	10	20	30	34
	NWM	8	0	0	0	0	0	1	1	3	2	1
	NWF	14	0	0	0	0	0	2	3	4	1	4
ULCER OF STOMACH - DUODENUM	TOTALS	150	0	0	0	1	1	6	19	35	46	42
	WM	64	0	0	0	1	0	2	11	18	23	9
	WF	79	0	0	0	0	1	4	8	15	22	29
	NWM	3	0	0	0	0	0	0	0	1	1	1
	NWF	4	0	0	0	0	0	0	0	1	0	3
HERNIA-INTESTINAL OBSTRUCTIVE	TOTALS	133	0	0	2	0	1	3	8	23	48	48
	WM	48	0	0	0	0	1	1	6	10	19	11
	WF	80	0	0	2	0	0	2	2	12	25	37
	NWM	1	0	0	0	0	0	0	0	0	1	0
	NWF	4	0	0	0	0	0	0	0	1	3	0
PARKINSON'S DISEASE	TOTALS	119	0	0	0	0	0	0	8	31	59	21
	WM	70	0	0	0	0	0	0	2	20	38	10
	WF	49	0	0	0	0	0	0	6	11	21	11
	NWM	0	0	0	0	0	0	0	0	0	0	0
	NWF	0	0	0	0	0	0	0	0	0	0	0

* Per 100,000 Population

Source: ISBH-Public Health Statistics

Table 4-6A

DEATH RATES* BY AGE, BY CAUSE, RACE,
AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
TOTAL ALL CAUSES OF DEATH	TOTALS	894.9	1,115.3	56.1	24.8	87.8	145.7	490.0	1,294.9	2,959.8	6,622.9	16,604.8
	WM	979.8	1,147.2	63.3	32.1	130.4	195.1	608.4	1,652.4	3,945.2	9,210.1	20,163.1
	WF	856.8	837.9	39.2	17.8	45.7	83.3	343.7	910.7	2,131.8	5,194.9	15,317.2
	NWM	810.4	2,251.1	88.7	22.1	131.2	316.1	965.6	2,163.3	4,495.6	9,109.6	21,195.7
	NWF	589.8	1,806.5	90.0	24.2	36.7	122.9	437.3	1,323.1	2,850.8	5,343.8	14,250.0
HEART DISEASE	TOTALS	332.0	28.9	0.3	0.9	2.2	22.3	157.9	445.2	1,102.4	2,763.0	7,615.5
	WM	363.0	30.8	0.0	1.4	2.1	34.0	238.3	647.2	1,558.2	3,752.6	8,670.0
	WF	326.6	26.0	0.7	0.0	1.9	7.9	70.8	249.2	732.0	2,222.0	7,320.8
	NWM	241.8	43.3	0.0	0.0	1.9	37.7	359.5	734.7	1,547.5	3,516.0	7,826.1
	NWF	195.4	21.5	0.0	4.0	5.5	34.8	91.8	366.7	1,061.6	2,306.6	5,550.0
RHEUMATIC FEVER - CHRONIC RHEUMATIC	TOTALS	2.6	0.0	0.0	0.1	0.2	0.6	2.8	4.0	8.6	22.4	22.4
	WM	1.5	0.0	0.0	0.0	0.0	0.4	2.5	0.9	5.7	16.0	25.1
	WF	3.9	0.0	0.0	0.0	0.2	0.5	3.6	7.1	11.2	27.0	22.9
	NWM	1.2	0.0	0.0	0.0	0.0	1.3	0.0	0.0	9.8	22.8	0.0
	NWF	1.4	0.0	0.0	2.0	1.8	1.2	0.0	5.0	0.0	0.0	0.0
HYPERTENSIVE HEART DISEASE	TOTALS	6.2	0.0	0.0	0.0	0.0	0.3	3.2	9.4	23.3	46.7	135.9
	WM	4.4	0.0	0.0	0.0	0.0	0.4	3.3	9.6	26.0	27.7	81.6
	WF	6.8	0.0	0.0	0.0	0.0	0.1	1.6	6.7	14.7	46.9	144.3
	NWM	9.1	0.0	0.0	0.0	0.0	1.3	0.0	35.0	88.1	114.2	217.4
	NWF	14.0	0.0	0.0	0.0	0.0	0.0	21.9	19.8	74.2	186.2	350.0
HYPERTENSIVE HEART - RENAL HEART	TOTALS	1.9	0.0	0.0	0.0	0.0	0.1	0.0	0.6	2.3	16.0	92.8
	WM	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.9	20.4	69.0
	WF	2.6	0.0	0.0	0.0	0.0	0.1	0.0	0.8	2.0	15.1	93.9
	NWM	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	326.1
	NWF	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	150.0
ACUTE MYOCARDIAL INFARCTION	TOTALS	120.0	0.0	0.0	0.0	0.3	10.1	74.7	209.2	478.4	993.3	1,698.4
	WM	151.3	0.0	0.0	0.0	0.5	17.3	123.8	330.1	709.5	1,428.2	2,277.3
	WF	102.6	0.0	0.0	0.0	0.2	3.1	29.0	103.4	304.6	782.0	1,525.1
	NWM	79.5	0.0	0.0	0.0	0.0	12.1	123.3	274.1	646.4	1,004.6	1,195.7
	NWF	46.5	0.0	0.0	0.0	0.0	8.1	17.5	109.0	289.5	515.8	1,100.0
OTHER ISCHEMIC - HEART DISEASE	TOTALS	117.4	0.0	0.0	0.1	0.0	4.5	41.7	127.8	341.3	996.7	3,412.8
	WM	122.1	0.0	0.0	0.3	0.0	7.6	61.5	184.2	487.2	1,362.6	3,833.1
	WF	122.3	0.0	0.0	0.0	0.0	0.8	18.5	70.4	216.6	798.7	3,336.4
	NWM	78.7	0.0	0.0	0.0	0.0	9.4	128.4	244.9	489.7	1,073.1	3,043.5
	NWF	67.6	0.0	0.0	0.0	0.0	7.0	13.1	109.0	415.7	916.9	1,900.0
DISEASE PULMONARY CIRCULATION	TOTALS	5.1	8.8	0.0	0.0	0.3	0.9	3.6	9.0	21.8	34.0	54.4
	WM	5.2	8.4	0.0	0.0	0.0	0.6	4.6	12.2	24.8	39.3	81.6
	WF	5.1	8.7	0.0	0.0	0.5	1.2	2.8	4.7	18.6	31.8	45.8
	NWM	4.0	21.6	0.0	0.0	0.0	0.0	5.1	23.3	29.4	22.8	0.0
	NWF	4.7	0.0	0.0	0.0	1.8	2.3	0.0	14.9	29.7	28.7	50.0

Table 4-6A

DEATH RATES* BY AGE, BY CAUSE, RACE,
AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
OTHER HEART DISEASES	TOTALS	78.8	20.1	0.3	0.6	1.4	5.8	31.9	85.3	226.6	653.9	2,198.9
	WM	77.4	22.4	0.0	1.1	1.6	7.7	42.6	109.9	303.0	858.4	2,302.4
	WF	83.3	17.3	0.7	0.0	1.0	2.0	15.3	56.2	164.3	520.3	2,152.5
	NWM	67.7	21.6	0.0	0.0	1.9	13.5	102.7	157.4	274.2	1,278.5	3,043.5
	NWF	59.8	21.5	0.0	2.0	1.8	16.2	39.4	109.0	245.0	659.0	2,000.0
CANCER	TOTALS	203.0	2.5	5.0	3.4	6.6	29.5	171.5	480.9	885.3	1,312.7	1,677.6
	WM	230.3	0.0	5.5	5.5	8.2	27.2	175.2	561.2	1,149.7	1,987.8	2,509.4
	WF	186.7	5.8	2.9	1.7	5.9	31.9	163.4	389.1	660.6	941.1	1,330.4
	NWM	187.6	0.0	15.7	4.0	1.9	32.3	236.3	758.0	1,430.0	2,077.6	3,369.6
	NWF	131.3	0.0	5.3	0.0	3.7	25.5	166.2	485.6	794.4	888.3	1,850.0
BUCCAL CAVITY - PHARYNX	TOTALS	3.0	0.0	0.0	0.0	0.0	0.4	2.6	9.4	15.3	14.6	11.2
	WM	4.4	0.0	0.0	0.0	0.0	0.7	3.3	14.8	22.9	26.2	25.1
	WF	1.8	0.0	0.0	0.0	0.0	0.1	1.6	3.5	8.8	8.8	6.9
	NWM	2.4	0.0	0.0	0.0	0.0	1.3	5.1	11.7	19.6	0.0	0.0
	NWF	3.2	0.0	0.0	0.0	0.0	0.0	4.4	19.8	22.3	14.3	0.0
DIGESTIVE ORGANS - PERITONEUM	TOTALS	49.1	1.3	0.0	0.0	0.3	5.3	34.9	100.4	209.8	360.3	566.1
	WM	52.3	0.0	0.0	0.0	0.5	6.1	36.0	121.2	270.0	464.9	652.4
	WF	47.0	2.9	0.0	0.0	0.0	3.9	27.8	73.1	157.4	295.1	517.5
	NWM	45.1	0.0	0.0	0.0	0.0	9.4	77.0	174.9	342.8	525.1	434.8
	NWF	45.5	0.0	0.0	0.0	1.8	8.1	65.6	143.7	200.4	401.1	1,000.0
RESPIRATORY SYSTEM	TOTALS	59.0	0.0	0.0	0.1	0.3	3.9	58.3	187.9	289.1	316.0	198.3
	WM	86.3	0.0	0.0	0.3	0.5	5.1	77.8	264.1	468.8	632.5	458.0
	WF	35.9	0.0	0.0	0.0	0.2	2.4	37.8	113.6	141.8	146.4	100.8
	NWM	74.4	0.0	0.0	0.0	0.0	12.1	133.5	332.4	607.2	639.3	652.2
	NWF	21.5	0.0	0.0	0.0	0.0	0.0	13.1	133.8	185.6	57.3	50.0
BREAST	TOTALS	17.2	0.0	0.0	0.0	0.0	5.6	23.4	40.0	63.0	97.7	126.3
	WM	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.6	2.9	0.0
	WF	34.2	0.0	0.0	0.0	0.0	11.5	45.5	75.5	108.1	151.2	169.5
	NWM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NWF	24.0	0.0	0.0	0.0	0.0	7.0	43.7	79.3	155.9	128.9	250.0
FEMALE REPRODUCTIVE ORGANS	TOTALS	10.1	0.0	0.0	0.0	0.0	2.8	8.9	24.5	46.2	49.6	88.0
	WM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	WF	20.2	0.0	0.0	0.0	0.0	5.2	17.7	47.2	81.2	76.4	119.1
	NWM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NWF	13.6	0.0	0.0	0.0	0.0	7.0	13.1	39.6	89.1	86.0	150.0
KIDNEY	TOTALS	4.6	0.0	0.0	0.0	0.1	0.6	4.7	12.5	17.1	33.5	28.8
	WM	6.1	0.0	0.0	0.0	0.2	1.0	6.3	15.6	25.4	62.7	37.6
	WF	3.5	0.0	0.0	0.0	0.0	0.3	4.0	8.3	10.3	19.1	27.5
	NWM	5.1	0.0	0.0	0.0	0.0	2.7	0.0	40.8	29.4	45.7	0.0
	NWF	1.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0	14.8	0.0	0.0

Table 4-6A

DEATH RATES* BY AGE, BY CAUSE, RACE,
AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
OTHER GENITOURINARY ORGANS	TOTALS	16.2	0.0	0.0	0.0	0.2	0.4	3.0	17.4	71.3	161.9	267.1
	WM	30.3	0.0	0.0	0.0	0.5	0.8	6.3	30.4	144.2	405.1	821.8
	WF	3.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5	9.8	21.5	45.8
	NWM	30.9	0.0	0.0	0.0	0.0	0.0	0.0	64.1	235.1	616.4	1,739.1
	NWF	2.1	0.0	0.0	0.0	0.0	0.0	0.0	5.0	29.7	14.3	0.0
LYMPHATIC-HAEMOPOIETIC TISSUE	TOTALS	18.9	0.0	2.2	2.1	3.0	4.8	13.0	37.0	70.5	126.4	180.7
	WM	22.4	0.0	2.1	3.3	3.8	7.0	15.5	46.5	96.6	177.8	244.7
	WF	17.1	0.0	2.2	0.9	3.1	3.0	10.5	27.1	53.8	99.4	155.7
	NWM	13.1	0.0	5.2	4.0	0.0	5.4	10.3	70.0	58.8	91.3	217.4
	NWF	9.7	0.0	0.0	0.0	0.0	1.2	17.5	24.8	29.7	128.9	200.0
OTHER UNSPECIFICS	TOTALS	24.9	1.3	2.8	1.2	2.6	5.6	22.6	51.7	102.9	152.7	211.1
	WM	28.3	0.0	3.4	1.9	2.8	6.5	29.7	68.2	121.3	215.7	269.8
	WF	24.1	2.9	0.7	0.9	2.6	5.5	18.1	37.3	89.5	123.3	187.8
	NWM	16.6	0.0	10.4	0.0	1.9	2.7	10.3	64.1	137.1	159.8	326.1
	NWF	10.7	0.0	5.3	0.0	1.8	2.3	8.7	34.7	66.8	57.3	200.0
CEREBROVASCULAR DISEASE	TOTALS	72.2	2.5	0.0	0.1	0.3	4.4	20.6	58.6	191.1	661.7	2,210.1
	WM	59.9	2.8	0.0	0.0	0.0	3.7	22.2	55.6	224.2	773.8	2,189.5
	WF	87.1	2.9	0.0	0.3	0.7	3.5	14.1	51.5	156.5	590.3	2,232.7
	NWM	53.8	0.0	0.0	0.0	0.0	13.5	66.8	174.9	264.4	776.3	2,391.3
	NWF	57.3	0.0	0.0	0.0	0.0	9.3	35.0	84.2	274.7	773.6	1,800.0
ACCIDENTS	TOTALS	25.7	21.4	25.5	11.3	44.3	33.4	29.2	25.7	48.8	89.0	238.3
	WM	51.9	11.2	27.5	15.4	72.5	55.4	43.1	36.9	66.7	126.8	370.1
	WF	23.0	26.0	19.6	6.3	22.4	13.3	17.7	17.7	36.2	70.0	201.5
	NWM	32.1	43.3	31.3	14.0	34.2	44.4	30.8	11.7	49.0	45.7	0.0
	NWF	16.8	43.0	47.7	14.1	3.7	12.7	8.7	9.9	29.7	86.0	100.0
MOTOR VEHICLE	TOTALS	19.3	2.5	7.8	5.5	35.8	22.6	16.6	13.6	16.9	20.4	24.0
	WM	30.0	0.0	10.3	8.0	58.2	37.6	21.3	18.2	19.1	33.5	75.3
	WF	11.5	5.8	7.3	3.4	19.3	10.2	13.3	10.2	16.6	15.1	6.9
	NWM	12.7	0.0	0.0	4.0	0.0	21.5	15.4	5.8	0.0	0.0	0.0
	NWF	4.7	0.0	0.0	4.0	3.7	5.8	4.4	9.9	7.4	0.0	0.0
POISONING	TOTALS	1.0	0.0	0.0	0.0	0.5	2.0	0.9	1.1	1.3	1.5	0.0
	WM	1.7	0.0	0.0	0.0	1.2	3.3	0.8	1.3	2.5	4.4	0.0
	WF	0.4	0.0	0.0	0.0	0.0	0.7	1.2	1.2	0.0	0.0	0.0
	NWM	1.6	0.0	0.0	0.0	0.0	4.0	0.0	0.0	9.8	0.0	0.0
	NWF	0.4	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0
FALLS	TOTALS	4.4	1.3	0.3	0.0	0.4	0.7	1.7	1.9	10.1	37.0	145.5
	WM	4.7	2.8	0.0	0.0	0.7	1.2	3.3	2.6	14.6	48.1	188.2
	WF	4.8	0.0	0.0	0.0	0.2	0.3	0.4	1.2	6.8	33.4	135.1
	NWM	1.6	0.0	5.2	0.0	0.0	1.3	0.0	5.8	9.8	0.0	0.0
	NWF	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	14.3	100.0

Table 4-6A

DEATH RATES* BY AGE, BY CAUSE, RACE,
AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
FIRE - EXPLOSION	TOTALS	2.6	7.5	9.0	2.0	1.2	1.7	1.7	1.5	3.9	5.8	12.8
	WM	2.7	2.8	6.9	1.6	1.4	1.7	2.1	2.6	6.4	4.4	31.4
	WF	1.8	8.7	5.1	1.1	1.0	1.3	0.8	0.8	2.4	5.6	6.9
	NWM	5.9	43.3	20.9	6.0	1.9	4.0	10.3	0.0	0.0	0.0	0.0
	NWF	5.4	0.0	42.4	6.0	0.0	2.3	0.0	0.0	0.0	28.7	0.0
DROWNING	TOTALS	1.4	1.3	3.4	1.5	2.6	0.9	0.2	0.6	1.8	1.0	1.6
	WM	2.3	0.0	5.5	1.6	4.5	1.7	0.0	1.3	3.8	1.5	0.0
	WF	0.4	0.0	2.2	0.6	0.2	0.0	0.4	0.0	0.5	0.0	2.3
	NWM	4.0	0.0	0.0	4.0	9.5	2.7	0.0	0.0	0.0	22.8	0.0
	NWF	1.1	21.5	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INHALATION - INGESTION	TOTALS	1.3	2.5	1.6	0.0	0.0	0.3	0.8	1.7	3.9	5.8	28.8
	WM	1.1	2.8	1.4	0.0	0.0	0.7	1.3	0.9	4.4	4.4	25.1
	WF	1.6	2.9	2.2	0.0	0.0	0.0	0.4	2.8	3.9	6.4	32.1
	NWM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NWF	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0
ALL OTHER	TOTALS	5.7	6.3	3.4	2.3	3.9	5.2	7.4	5.2	10.9	17.5	25.6
	WM	9.4	2.8	3.4	4.1	6.6	9.3	14.2	10.0	15.9	30.6	50.2
	WF	2.5	8.7	2.9	1.1	1.7	0.8	1.2	1.6	5.9	9.5	18.3
	NWM	6.3	0.0	5.2	0.0	3.8	10.8	5.1	0.0	29.4	22.8	0.0
	NWF	3.6	21.5	5.3	0.0	0.0	3.5	4.4	0.0	14.8	28.7	0.0
OTHER CHRONIC OBSTRUCTIONS	TOTALS	26.3	0.0	0.0	0.0	0.0	0.7	7.4	39.1	129.9	259.1	259.1
	WM	36.6	0.0	0.0	0.0	0.0	0.6	7.1	46.5	195.0	498.4	658.7
	WF	19.8	0.0	0.0	0.0	0.0	0.8	8.5	33.4	87.0	131.3	119.1
	NWM	18.6	0.0	0.0	0.0	0.0	0.0	5.1	40.8	137.1	456.6	543.5
	NWF	5.0	0.0	0.0	0.0	0.0	1.2	0.0	24.8	14.8	86.0	0.0
PNEUMONIA	TOTALS	25.7	11.3	1.2	0.7	0.7	1.8	4.2	16.9	51.6	230.9	921.2
	WM	26.4	14.0	1.4	0.8	1.2	1.7	3.8	23.0	71.1	338.1	1,237.5
	WF	26.8	8.7	0.7	0.6	0.2	1.5	4.8	10.6	36.2	170.2	785.4
	NWM	19.8	21.6	5.2	2.0	1.9	5.4	5.1	35.0	68.6	319.6	1,521.7
	NWF	15.0	0.0	0.0	0.0	0.0	3.5	0.0	9.9	44.5	214.9	800.0
DISEASES OF ARTERIES	TOTALS	21.2	1.3	0.3	0.0	0.3	1.1	3.6	18.2	60.9	168.2	719.7
	WM	21.9	0.0	0.7	0.0	0.2	1.7	5.4	27.8	89.6	252.1	771.6
	WF	22.8	2.9	0.0	0.0	0.5	0.5	1.2	11.0	36.2	125.7	719.0
	NWM	9.5	0.0	0.0	0.0	0.0	0.0	5.1	17.5	117.5	68.5	543.5
	NWF	11.5	0.0	0.0	0.0	0.0	2.3	8.7	0.0	59.4	171.9	400.0
DIABETES MELLITUS	TOTALS	17.6	0.0	0.0	0.1	0.7	2.9	7.9	28.0	71.1	151.7	222.3
	WM	14.8	0.0	0.0	0.0	0.7	3.3	7.9	25.6	66.7	58.3	219.6
	WF	19.3	0.0	0.0	0.3	0.7	2.4	5.2	21.6	65.0	141.6	213.0
	NWM	18.2	0.0	0.0	0.0	1.9	5.4	30.8	75.8	127.3	159.8	217.4
	NWF	25.4	0.0	0.0	0.0	0.0	1.2	17.5	94.2	170.7	214.9	450.0

Table 4-6A

DEATH RATES* BY AGE, BY CAUSE, RACE,
AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
SUICIDE	TOTALS	11.7	0.0	0.0	0.7	12.1	15.4	12.3	16.7	18.7	20.4	9.6
	WM	21.1	0.0	0.0	1.4	21.6	27.5	19.7	28.7	36.2	55.4	31.4
	WF	4.1	0.0	0.0	0.3	3.8	4.4	6.4	8.3	5.9	3.2	2.3
	NWM	9.9	0.0	0.0	0.0	9.5	22.9	5.1	0.0	19.6	0.0	0.0
	NWF	2.1	0.0	0.0	0.0	3.7	2.3	4.4	0.0	7.4	0.0	0.0
NEPHRITIS - NEPHROSIS	TOTALS	10.9	3.8	0.3	0.0	0.5	1.0	4.0	8.0	28.8	97.2	318.2
	WM	10.5	0.0	0.7	0.0	0.7	1.4	2.5	8.3	28.6	119.5	539.5
	WF	10.9	0.0	0.0	0.0	0.2	0.5	3.6	6.3	24.0	82.7	219.8
	NWM	16.2	64.9	0.0	0.0	1.9	0.0	25.7	17.5	107.7	228.3	869.6
	NWF	9.3	0.0	0.0	0.0	0.0	2.3	4.4	19.8	44.5	57.3	450.0
SEPTICEMIA	TOTALS	8.2	8.8	0.6	0.0	0.1	0.9	3.2	8.2	24.6	61.7	231.9
	WM	7.5	11.2	0.7	0.0	0.2	0.7	4.6	12.2	29.9	58.3	269.8
	WF	8.9	5.8	0.0	0.0	0.0	0.5	1.2	5.1	19.6	59.7	208.4
	NWM	8.7	0.0	0.0	0.0	0.0	6.7	5.1	5.8	49.0	137.0	434.8
	NWF	7.5	21.5	5.3	0.0	0.0	0.0	8.7	5.0	22.3	86.0	350.0
CIRRHOSIS OF LIVER	TOTALS	7.8	0.0	0.0	0.0	0.2	2.7	13.4	22.4	33.7	25.3	19.2
	WM	10.8	0.0	0.0	0.0	0.2	3.3	22.6	30.8	47.6	46.6	18.8
	WF	4.7	0.0	0.0	0.0	0.0	1.1	3.6	11.8	23.0	13.5	20.6
	NWM	11.1	0.0	0.0	0.0	0.0	16.1	15.4	46.6	29.4	45.7	0.0
	NWF	7.2	0.0	0.0	0.0	1.8	0.0	21.9	39.6	37.1	14.3	0.0
EMPHYSEMA	TOTALS	6.9	0.0	0.0	0.0	0.0	0.1	3.0	11.5	35.5	64.7	54.4
	WM	10.2	0.0	0.0	0.0	0.0	0.1	2.5	14.3	58.4	129.7	150.6
	WF	4.9	0.0	0.0	0.0	0.0	0.1	4.0	8.6	20.0	33.4	20.6
	NWM	3.6	0.0	0.0	0.0	0.0	0.0	0.0	17.5	29.4	45.7	108.7
	NWF	1.1	0.0	0.0	0.0	0.0	0.0	0.0	9.9	7.4	0.0	0.0
HOMICIDE	TOTALS	5.5	3.8	4.7	1.0	7.5	8.3	5.3	2.9	4.1	2.9	4.8
	WM	5.2	2.8	6.2	0.8	6.3	8.0	5.0	1.7	3.8	5.8	6.3
	WF	1.9	2.9	0.7	1.1	2.6	2.0	2.0	2.4	1.5	1.6	2.3
	NWM	41.2	21.6	15.7	2.0	53.2	72.6	46.2	17.5	39.2	0.0	108.7
	NWF	8.2	0.0	10.6	0.0	11.0	9.3	8.7	9.9	22.3	0.0	0.0
CONGENITAL ANOMALIES	TOTALS	4.9	249.9	5.0	0.5	1.5	0.9	1.5	0.8	1.8	1.5	3.2
	WM	5.9	296.6	4.8	0.5	2.3	1.1	2.1	0.4	1.3	1.5	6.3
	WF	3.9	202.3	5.1	0.6	0.7	0.7	0.8	1.2	2.0	1.6	2.3
	NWM	7.1	346.3	0.0	0.0	1.9	0.0	0.0	0.0	9.8	0.0	0.0
	NWF	4.3	150.5	10.6	0.0	0.0	2.3	4.4	0.0	0.0	0.0	0.0
ALZHEIMER'S DISEASE	TOTALS	4.8	0.0	0.0	0.0	0.0	0.0	0.4	3.1	16.3	55.4	111.9
	WM	4.3	0.0	0.0	0.0	0.0	0.0	0.4	1.7	19.7	61.2	163.1
	WF	6.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	14.7	55.7	100.8
	NWM	2.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	19.6	45.7	0.0
	NWF	4.3	0.0	0.0	0.0	0.0	0.0	4.4	5.0	0.0	0.0	0.0

Table 4-6A

DEATH RATES* BY AGE, BY CAUSE, RACE,
AND SEX, INDIANA RESIDENTS, 1986

CAUSE		TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES
			UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +
GASTRITIS, ETC.	TOTALS	4.0	1.3	0.6	0.2	0.1	0.4	0.8	4.4	15.8	33.1	86.4
	WM	3.4	0.0	0.7	0.3	0.2	0.4	0.8	4.3	18.4	26.2	106.6
	WF	5.0	0.0	0.7	0.0	0.0	0.4	0.8	4.3	14.2	36.6	82.4
	NWM	2.8	21.6	0.0	0.0	0.0	0.0	0.0	5.8	29.4	45.7	0.0
	NWF	1.8	0.0	0.0	2.0	0.0	0.0	0.0	5.0	0.0	28.7	50.0
OTHER HYPERTENSIVE DISEASES	TOTALS	3.6	0.0	0.0	0.0	0.0	0.1	0.9	4.8	14.0	29.7	80.0
	WM	3.3	0.0	0.0	0.0	0.0	0.1	0.4	4.8	17.2	40.8	69.0
	WF	3.7	0.0	0.0	0.0	0.0	0.0	0.4	3.9	9.8	23.9	77.9
	NWM	3.2	0.0	0.0	0.0	0.0	0.0	5.1	5.8	29.4	45.7	108.7
	NWF	5.0	0.0	0.0	0.0	0.0	0.0	8.7	14.9	29.7	14.3	200.0
ULCER OF STOMACH - DUODENUM	TOTALS	2.7	0.0	0.0	0.0	0.1	0.1	1.1	3.6	9.1	22.4	67.2
	WM	2.7	0.0	0.0	0.0	0.2	0.0	0.8	4.8	11.4	33.5	56.5
	WF	3.1	0.0	0.0	0.0	0.0	0.1	1.6	3.1	7.3	17.5	66.4
	NWM	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	22.8	108.7
	NWF	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	150.0
HERNIA-INTESTINAL OBSTRUCTIVE	TOTALS	2.4	0.0	0.0	0.2	0.0	0.1	0.6	1.5	6.0	23.3	76.8
	WM	2.0	0.0	0.0	0.0	0.0	0.1	0.4	2.6	6.4	27.7	69.0
	WF	3.1	0.0	0.0	0.6	0.0	0.0	0.8	0.8	5.9	19.9	84.7
	NWM	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	0.0
	NWF	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	43.0	0.0
PARKINSON'S DISEASE	TOTALS	2.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	8.0	28.7	33.6
	WM	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	12.7	55.4	62.7
	WF	1.9	0.0	0.0	0.0	0.0	0.0	0.0	2.4	5.4	16.7	25.2
	NWM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	NWF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* Per 100,000 Population

Source: ISBH-Public Health Statistics

Table 4-7

NUMBER OF DEATHS AND DEATH RATES* BY
MONTH, INDIANA RESIDENTS, 1980 - 1986

MONTH	TOTAL 1980	RATES* 1980	TOTAL 1981	RATES* 1981	TOTAL 1982	RATES* 1982	TOTAL 1983	RATES* 1983
JANUARY	4,362	9.4	4,805	10.3	4,213	9.1	4,167	9.0
FEBRUARY	4,150	9.5	3,995	9.5	3,655	8.7	4,094	9.7
MARCH	4,188	9.0	4,049	8.7	4,001	8.6	4,290	9.2
APRIL	3,752	8.3	3,706	8.2	3,892	8.7	4,012	8.9
MAY	3,960	8.5	3,800	8.2	4,067	8.8	4,011	8.6
JUNE	3,649	8.1	3,635	8.1	3,662	8.1	3,776	8.4
JULY	3,933	8.4	3,818	8.2	3,862	8.3	3,990	8.6
AUGUST	3,729	8.0	3,682	7.9	3,777	8.1	3,666	7.9
SEPTEMBER	3,547	7.9	3,643	8.1	3,771	8.4	3,516	7.8
OCTOBER	3,914	8.4	4,082	8.8	3,930	8.5	3,915	8.4
NOVEMBER	3,835	8.5	3,888	8.7	3,840	8.5	3,926	8.7
DECEMBER	4,281	9.2	4,182	9.0	3,914	8.4	4,335	9.3
TOTAL	47,300	8.6	47,285	8.6	46,584	8.5	47,698	8.7

MONTH	TOTAL 1984	RATES* 1984	TOTAL 1985	RATES* 1985	TOTAL 1986	RATES* 1986	TOTALS 80-86	RATES* 80-86
JANUARY	4,277	9.2	4,624	9.9	4,535	9.7	30,983	9.5
FEBRUARY	3,813	8.8	4,167	9.9	4,129	9.8	28,003	9.4
MARCH	4,249	9.1	4,137	8.9	4,473	9.6	29,387	9.0
APRIL	3,999	8.9	3,943	8.7	4,061	9.0	27,365	8.7
MAY	3,838	8.2	3,819	8.2	4,066	8.7	27,561	8.5
JUNE	3,721	8.3	3,740	8.3	3,859	8.5	26,042	8.3
JULY	3,750	8.1	3,877	8.3	3,982	8.5	27,212	8.3
AUGUST	3,733	8.0	3,716	8.0	3,997	8.6	26,300	8.1
SEPTEMBER	3,677	8.2	3,762	8.3	3,822	8.4	25,738	8.2
OCTOBER	4,008	8.6	3,961	8.5	3,912	8.4	27,722	8.5
NOVEMBER	3,984	8.8	3,928	8.7	4,080	9.0	27,481	8.7
DECEMBER	4,179	9.0	4,499	9.6	4,341	9.3	29,731	9.1
TOTAL	47,288	8.6	48,173	8.8	49,257	8.9	333,525	8.7

* Annual Rate per 1,000 Population. Adjusted for Length of Month.

Source: ISBH-Public Health Statistics

Table 4-8

NUMBER OF DEATHS BY AUTOPSY STATUS, BY
YEAR, INDIANA RESIDENTS, 1980 - 1986

YEAR	TOTAL	NOT		
		AUTOPSIED	AUTOPSIED	UNKNOWN
1980	47,300	4,505	23,257	19,538
1981	47,285	4,447	24,169	18,669
1982	46,584	4,222	24,424	17,938
1983	47,698	4,173	25,177	18,348
1984	47,228	4,092	25,241	17,895
1985	48,173	4,057	26,569	17,547
1986	49,257	4,084	27,911	17,262
TOTAL	333,525	29,580	176,748	127,197

Source: ISBH-Public Health Statistics

Table 4-8A

NUMBER OF DEATHS BY AUTOPSY STATUS, BY RACE,
AND SEX, INDIANA RESIDENTS, 1980 - 1986

CATEGORY	TOTAL	AUTOPSIED	NOT AUTOPSIED	STATUS UNKNOWN	% STATUS KNOWN	% STATUS UNKNOWN	% TOTAL DEATHS	% TOTAL AUTOPSIED	% TOTAL	
									NOT AUTOPSIED	UNKNOWN
TOTAL	333,525	29,580	176,748	127,197	61.9	38.1	100.0	100.0	100.0	100.0
WHITE MALE	161,182	16,805	87,333	57,044	64.6	35.4	48.3	56.8	49.4	44.8
WHITE FEMALE	147,821	8,542	80,823	58,456	60.5	39.5	44.3	28.9	45.7	46.0
NONWHITE MALE	13,653	2,980	4,783	5,890	56.9	43.1	4.1	10.1	2.7	4.6
NONWHITE FEMALE	10,869	1,253	3,809	5,807	46.6	53.4	3.3	4.2	2.2	4.6

Source: ISBH-Public Health Statistics

Table 4-9

NUMBER OF DEATHS AND PERCENTAGE OF DEATHS* BY CERTIFIER,
BY YEAR, INDIANA RESIDENTS, 1980 - 1986

YEAR	TOTAL	M.D.	LOCAL HEALTH			O.D.	OTHER	LOCAL HEALTH			O.D.	OTHER*
			M.D.	CORONER	OFFICER			M.D.	CORONER	OFFICER		
1980	47,300	33,608	6,017	185	849	6,641	71.1	12.7	0.4	1.8	14.0	
1981	47,285	36,491	6,027	202	780	3,785	77.2	12.7	0.4	1.6	8.0	
1982	46,584	38,499	5,730	158	847	1,350	82.7	12.3	0.3	1.8	2.9	
1983	47,698	40,267	5,729	145	960	597	84.4	12.0	0.3	2.0	1.3	
1984	47,228	39,861	5,645	106	942	674	84.4	12.0	0.2	2.0	1.4	
1985	48,173	40,011	5,735	105	997	1,325	83.0	11.9	0.2	2.1	2.8	
1986	49,257	40,667	5,827	100	1,162	1,501	82.6	11.8	0.2	2.4	3.0	
TOTAL	333,525	269,404	40,710	1,001	6,537	15,873	80.7	12.2	0.3	0.3	4.8	

* Percent of Total by Year

Source: ISBH-Public Health Statistics

Table 4-9A

NUMBER OF DEATHS AND PERCENTAGE OF DEATHS** BY CERTIFIER,
BY AUTOPSY STATUS, INDIANA RESIDENTS, 1980 - 1986

CATEGORY	TOTAL	M.D.	LOCAL HEALTH				M.D.	LOCAL HEALTH			
			CORONER	OFFICER	O.D.	OTHER		CORONER	OFFICER	O.D.	OTHER**
TOTAL	333,525	269,404	40,710	1,001	6,537	15,873	80.7	12.2	0.3	2.0	4.8
AUTOPSIED	29,580	13,075	15,600	72	195	638	44.2	52.7	0.2	0.7	2.2
NOT AUTOPSIED	176,748	145,107	21,435	531	4,005	5,670	82.1	12.1	0.3	2.3	3.2
AUTOPSY STATUS UNKNOWN	127,197	111,222	3,675	398	2,337	9,565	87.5	2.9	0.3	1.8	7.5
% STATUS KNOWN	61.9	0.0	0.0	0.0	0.0	0.0	58.7	91.0	60.2	64.2	39.7
% STATUS KNOWN-AUTOPSIED	14.3	0.0	0.0	0.0	0.0	0.0	8.3	42.1	11.9	4.6	10.1

**Percent by Category

Source: ISBH-Public Health Statistics

Table 4-9B

NUMBER OF DEATHS AND PERCENTAGE OF DEATHS*** BY CERTIFIER,
BY RACE, AND SEX, INDIANA RESIDENTS, 1980 - 1986

CATEGORY	TOTAL	M.D.	LOCAL HEALTH				LOCAL HEALTH				O.D.	OTHER***
			CORONER	OFFICER	O.D.	OTHER	M.D.	CORONER	OFFICER			
TOTAL	333,525	269,404	40,710	1,001	6,537	15,873	100.0	100.0	100.0	100.0	100.0	
WHITE MALE	161,182	125,634	24,760	566	3,042	7,180	46.6	60.8	56.5	46.5	45.2	
WHITE FEMALE	147,821	126,455	10,655	353	3,358	7,000	47.0	26.2	35.3	51.4	44.1	
NON-WHITE MALE	13,653	9,016	3,664	52	71	850	3.3	9.0	5.2	1.1	5.4	
NON-WHITE FEMALE	10,869	8,299	1,631	30	66	843	3.1	4.0	3.0	1.0	5.3	

***Percent by Certifier

Source: ISBH-Public Health Statistics

Table 4-10

NUMBER OF DEATHS AND DEATH RATES* BY
YEAR, BY AGE, INDIANA, 1980 - 1986

AGE GROUP	TOTAL 1980	RATES* 1980	TOTAL 1981	RATES* 1981	TOTAL 1982	RATES* 1982	TOTAL 1983	RATES* 1983
UNDER 1	1,049	1,175.9	988	1,164.1	951	1,132.7	923	1,142.3
1 - 4	198	60.1	217	65.0	181	54.0	191	56.8
5 - 9	130	30.0	123	29.7	110	27.1	86	21.4
10 - 14	137	30.1	119	26.1	101	22.3	105	23.4
15 - 19	438	82.7	438	86.5	374	76.2	340	71.5
20 - 24	604	116.5	604	116.6	521	101.0	538	105.1
25 - 29	570	123.1	519	111.7	413	88.4	453	97.2
30 - 34	498	121.0	526	122.6	504	118.0	469	109.3
35 - 39	544	163.8	521	156.7	501	141.8	543	148.1
40 - 44	704	250.0	720	252.2	692	236.6	685	224.1
45 - 49	1,148	430.3	1,079	412.0	1,061	406.4	1,073	408.5
50 - 54	2,017	712.0	1,887	678.0	1,704	627.6	1,725	649.9
55 - 59	2,998	1,078.3	2,940	1,062.8	2,858	1,043.9	2,726	996.7
60 - 64	3,954	1,691.3	4,037	1,708.5	3,964	1,635.0	4,011	1,628.2
65 - 69	4,910	2,482.2	5,058	2,537.2	5,007	2,491.4	4,919	2,419.9
70 - 74	5,906	3,868.9	5,829	3,773.1	5,885	3,726.8	6,056	3,754.5
75 - 79	6,352	5,752.6	6,333	5,689.0	6,454	5,683.3	6,725	5,781.0
80 - 84	6,105	8,709.5	6,342	8,941.2	6,196	8,716.9	6,499	8,937.0
85 +	9,038	16,610.9	9,005	16,716.2	9,107	16,468.4	9,631	16,979.9
TOTAL	47,300	861.5	47,285	864.8	46,584	851.5	47,698	870.6

AGE GROUP	TOTAL 1984	RATES* 1984	TOTAL 1985	RATES* 1985	TOTAL 1986	RATES* 1986	TOTAL 80-86	RATES** 80-86
UNDER 1	838	1,047.4	886	1,094.4	888	1,115.3	6,523	1,125.8
1 - 4	162	48.5	148	45.6	180	56.1	1,277	55.2
5 - 9	105	26.1	104	25.7	95	23.3	753	26.3
10 - 14	116	26.5	125	29.5	107	26.3	810	26.3
15 - 19	340	73.3	346	75.3	363	78.8	2,639	77.9
20 - 24	458	89.5	475	93.5	474	96.1	3,674	102.7
25 - 29	471	101.8	440	97.1	503	110.1	3,369	104.2
30 - 34	417	95.9	515	117.5	521	119.7	3,450	114.8
35 - 39	561	147.2	581	146.7	605	146.1	3,856	149.7
40 - 44	698	221.7	734	228.4	746	230.4	4,979	234.3
45 - 49	1,010	375.9	1,002	368.9	1,037	373.4	7,410	396.2
50 - 54	1,599	616.3	1,558	612.4	1,560	618.4	12,050	646.2
55 - 59	2,797	1,031.0	2,682	999.2	2,589	976.2	19,590	1,027.4
60 - 64	3,992	1,590.7	3,896	1,523.7	4,170	1,624.1	28,024	1,627.1
65 - 69	5,035	2,437.8	5,130	2,452.8	5,219	2,448.2	35,278	2,466.5
70 - 74	6,036	3,657.1	6,110	3,606.8	6,195	3,592.3	42,017	3,707.5
75 - 79	6,531	5,468.9	6,910	5,636.7	6,849	5,455.6	46,154	5,634.2
80 - 84	6,379	8,459.1	6,561	8,375.0	6,773	8,451.5	44,855	8,647.3
85 +	9,683	16,648.9	9,970	16,580.7	10,383	16,604.8	66,817	16,657.6
TOTAL	47,228	859.0	48,173	876.0	49,257	894.9	333,525	868.3

* Per 100,000 Population

** Average Annual Rate

Source: ISBH-Public Health Statistics

Table 4-11

ACCIDENTAL DEATH RATES*, INDIANA AND THE
UNITED STATES, BY SELECTED YEARS, 1960 - 1986

YEAR	ALL ACCIDENTS		MOTOR VEHICLE ACCIDENTS		OTHER ACCIDENTS	
	INDIANA*	U.S.*	INDIANA*	U.S.*	INDIANA*	U.S.*
1960	55.6	52.3	25.1	21.3	30.5	31.0
1965	60.5	55.7	31.6	25.4	28.9	30.3
1970	55.0	56.4	29.9	26.9	25.1	29.5
1975	46.3	48.4	21.4	21.5	24.9	26.9
1980	42.1	46.7	22.2	23.2	19.9	23.5
1981	42.2	43.9	22.8	22.4	19.4	21.5
1982	37.7	40.6	18.6	19.8	18.9	20.8
1983	37.2	39.5	19.3	19.0	17.9	20.5
1984	35.1	39.3	17.8	19.6	17.3	19.7
1985	36.3	39.1	19.4	19.2	16.9	19.9
1986	35.7	39.7 **	19.3	20.1 **	16.4	19.6 **

* Per 100,000 Population

** Provisional

Source: ISBH-Public Health Statistics

Table 4-12

NUMBER OF ACCIDENTAL DEATHS BY OCCURRENCE*, BY AGE,
BY MAJOR TYPE, RACE, AND SEX, INDIANA, 1986

DISEASE	TOTAL	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	AGES	
		UNDER 1	1-4	5-14	15-24	25-44	45-54	55-64	65-74	75-84	85 +	
ALL ACCIDENTS	TOTAL	1,982	17	74	97	431	544	156	131	191	186	155
	WM	1,251	5	35	59	317	397	105	77	108	87	61
	WF	600	8	24	26	95	100	42	48	75	90	92
	NWM	81	2	6	6	17	34	6	4	4	2	0
	NWF	50	2	9	6	2	13	3	2	4	7	2
MOTOR VEHICLE	TOTAL	1,077	4	21	50	351	372	87	69	69	38	16
	WM	733	1	12	30	259	275	53	35	33	22	13
	WF	298	3	9	16	81	73	31	31	35	16	3
	NWM	32	0	0	2	9	18	2	1	0	0	0
	NWF	14	0	0	2	2	6	1	2	1	0	0
POISONING	TOTAL	55	0	0	0	4	32	5	6	5	3	0
	WM	37	0	0	0	4	21	2	3	4	3	0
	WF	13	0	0	0	0	7	3	3	0	0	0
	NWM	4	0	0	0	0	3	0	0	1	0	0
	NWF	1	0	0	0	0	1	0	0	0	0	0
FALLS	TOTAL	251	1	1	0	4	13	11	8	38	79	96
	WM	115	1	0	0	3	9	9	5	24	34	30
	WF	127	0	0	0	1	3	1	2	12	44	64
	NWM	5	0	1	0	0	1	1	1	1	0	0
	NWF	4	0	0	0	0	0	0	0	1	1	2
FIRE - EXPLOSION	TOTAL	138	6	28	16	11	24	10	7	15	13	8
	WM	63	1	9	6	6	11	5	6	10	4	5
	WF	46	3	7	4	4	10	2	1	5	7	3
	NWM	13	2	4	3	1	1	2	0	0	0	0
	NWF	16	0	8	3	0	2	1	0	0	2	0
DROWNING	TOTAL	69	1	10	11	24	11	2	3	5	1	1
	WM	50	0	8	7	18	9	1	3	4	0	0
	WF	8	0	2	2	1	0	1	0	1	0	1
	NWM	9	0	0	1	5	2	0	0	0	1	0
	NWF	2	1	0	1	0	0	0	0	0	0	0
INHALATION - INGESTION	TOTAL	68	2	5	0	0	4	4	9	14	13	17
	WM	27	1	2	0	0	4	3	2	7	4	4
	WF	40	1	3	0	0	0	1	7	7	8	13
	NWM	0	0	0	0	0	0	0	0	0	0	0
	NWF	1	0	0	0	0	0	0	0	0	1	0
ALL OTHER	TOTAL	324	3	9	20	37	88	37	29	45	39	17
	WM	226	1	4	16	27	68	32	23	26	20	9
	WF	68	1	3	4	8	7	3	4	15	15	8
	NWM	18	0	1	0	2	9	1	2	2	1	0
	NWF	12	1	1	0	0	4	1	0	2	3	0

* Deaths Occurring in Indiana, which may include Deaths to Non-Indiana Residents. For Deaths by Indiana Resident see Table 4-6.
Source: ISBH-Public Health Statistics

Table 4-13

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL, FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT	NEONATAL	PERINATAL	FETAL	MATERNAL
							DEATH RATES*	DEATH RATES*	DEATH RATES*	DEATH RATES*	DEATH RATES**
INDIANA	79,269	888	597	1,217	620	4	11.2	7.5	15.2	7.8	5.0
HSA 1	29,080	325	210	462	252	1	11.2	7.2	15.8	8.7	3.4
HSA 1-1	8,990	117	77	163	86	0	13.0	8.6	18.0	9.6	0.0
JASPER	377	2	1	4	3	0	5.3	2.7	10.5	8.0	0.0
LAKE	6,829	100	67	140	73	0	14.6	9.8	20.3	10.7	0.0
Cedar Lake	145	1	1	6	5	0	6.9	6.9	41.4	34.5	0.0
Crown Point	375	4	3	5	2	0	10.7	8.0	13.3	5.3	0.0
Dyer	124	0	0	3	3	0	0.0	0.0	23.6	24.2	0.0
East Chicago	529	7	5	11	6	0	13.2	9.5	20.6	11.3	0.0
Gary	2,214	56	32	65	33	0	25.3	14.5	28.9	14.9	0.0
Griffith	235	3	3	3	0	0	12.8	12.8	12.8	0.0	0.0
Hammond	1,101	11	10	17	7	0	10.0	9.1	15.3	6.4	0.0
Highland	276	0	0	3	3	0	0.0	0.0	10.9	10.9	0.0
Hobart	302	3	2	4	2	0	9.9	6.6	13.2	6.6	0.0
Lake Station	191	3	2	4	2	0	15.7	10.5	20.7	10.5	0.0
Lowell	123	1	1	3	2	0	8.1	8.1	24.0	16.3	0.0
Merrillville	319	3	2	3	1	0	9.4	6.3	9.4	3.1	0.0
Munster	182	1	1	4	3	0	5.5	5.5	21.6	16.5	0.0
Schererville	138	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Whiting	164	1	1	2	1	0	6.1	6.1	12.1	6.1	0.0
NEWTON	183	0	0	1	1	0	0.0	0.0	5.4	5.5	0.0
PORTER	1,591	15	9	18	9	0	9.4	5.7	11.3	5.7	0.0
Chesterton	165	1	0	2	2	0	6.1	0.0	12.0	12.1	0.0
Portage	395	3	3	7	4	0	7.6	7.6	17.5	10.1	0.0
Valparaiso	653	3	2	3	1	0	4.6	3.1	4.6	1.5	0.0
1-2	9,894	100	68	141	73	1	10.1	6.9	14.1	7.4	10.1
CASS	535	4	2	5	3	0	7.5	3.7	9.3	5.6	0.0
Logansport	240	2	1	3	2	0	8.3	4.2	12.4	8.3	0.0
ELKHART	2,516	18	9	32	23	0	7.2	3.6	12.6	9.1	0.0
Elkhart	857	10	6	16	10	0	11.7	7.0	18.5	11.7	0.0
Goshen	389	2	1	3	2	0	5.1	2.6	7.7	5.1	0.0
FULTON	239	4	2	4	2	0	16.7	8.4	16.6	8.4	0.0
Rochester	70	2	1	2	1	0	28.6	14.3	28.2	14.3	0.0
LAPORTE	1,415	19	13	18	3	0	13.4	10.6	12.7	2.1	0.0
LaPorte	354	7	4	5	1	0	19.8	11.3	14.1	2.8	0.0
Michigan City	562	9	8	9	1	0	16.0	14.2	16.0	1.8	0.0
MARSHALL	590	3	3	8	5	0	5.1	5.1	13.4	8.5	0.0
Plymouth	155	1	1	2	1	0	6.5	6.5	12.8	6.5	0.0
MIAMI	656	1	1	6	5	0	1.5	1.5	9.1	7.6	0.0
Peru	235	1	1	3	2	0	4.3	4.3	12.7	8.5	0.0
PULASKI	205	2	1	5	4	0	9.8	4.9	23.9	19.5	0.0
ST. JOSEPH	3,466	43	31	59	28	1	12.4	8.9	16.9	8.1	28.9
Mishawaka	609	8	4	13	9	0	13.1	6.6	21.0	14.8	0.0
South Bend	1,837	26	20	35	15	1	14.2	10.9	18.9	8.2	54.4
STARKE	272	6	4	4	0	0	22.1	14.7	14.7	0.0	0.0

Table 4-13

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL, FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH	NEONATAL DEATH	PERINATAL DEATH	FETAL DEATH	MATERNAL DEATH
							RATES*	RATES*	RATES*	RATES*	RATES**
1-3	10,196	108	65	158	93	0	10.6	6.4	15.4	9.1	0.0
ADAMS	531	5	5	14	9	0	9.4	9.4	25.9	16.9	0.0
Decatur	137	2	2	6	4	0	14.6	14.6	42.6	29.2	0.0
ALLEN	4,795	52	29	77	48	0	10.8	6.0	15.9	10.0	0.0
Fort Wayne	3,285	41	25	64	39	0	12.5	7.6	19.3	11.9	0.0
New Haven	66	3	2	2	0	0	45.5	30.3	30.3	0.0	0.0
DEKALB	490	8	5	9	4	0	16.3	10.2	8.2	18.2	0.0
Auburn	117	3	2	2	0	0	25.6	17.1	17.1	0.0	0.0
HUNTINGTON	485	5	4	5	1	0	10.3	8.2	10.3	2.1	0.0
Huntington	246	3	2	3	1	0	12.2	8.1	12.1	4.1	0.0
KOSCIUSKO	1,065	8	5	11	6	0	7.5	4.7	10.3	5.6	0.0
Warsaw	193	0	0	2	2	0	0.0	0.0	10.3	10.4	0.0
LAGRANGE	602	7	5	9	4	0	11.6	8.3	14.9	6.6	0.0
NOBLE	599	7	2	6	4	0	11.7	3.3	10.0	6.7	0.0
Kendallville	112	1	0	0	0	0	8.9	0.0	0.0	0.0	0.0
STEBEN	376	3	1	6	5	0	8.0	2.7	15.7	13.3	0.0
Angola	76	1	1	2	1	0	13.2	13.2	26.0	13.2	0.0
WABASH	465	3	1	6	5	0	6.5	2.2	12.8	10.8	0.0
North Manchester	65	2	1	3	2	0	30.8	15.4	44.8	30.8	0.0
Wabash	189	1	0	2	2	0	5.3	0.0	10.5	10.6	0.0
WELLS	390	4	3	6	3	0	10.3	7.7	15.3	7.7	0.0
Bluffton	158	1	0	1	1	0	6.3	0.0	6.3	6.3	0.0
WHITLEY	398	6	5	9	4	0	15.1	12.6	22.4	10.1	0.0
Columbia City	75	1	1	1	0	0	13.3	13.3	13.3	0.0	0.0
HSA 2	32,108	388	273	520	247	2	12.1	8.5	16.1	7.7	6.2
2-1	19,534	256	180	314	134	2	13.1	9.2	16.0	6.9	10.2
BOONE	545	5	3	6	3	0	9.2	5.5	10.9	5.5	0.0
Lebanon	171	1	1	3	2	0	5.8	5.8	17.3	11.7	0.0
HAMILTON	1,361	16	11	17	6	1	11.9	8.2	12.6	4.5	74.6
Carmel	257	3	2	2	0	0	11.7	7.8	7.8	0.0	0.0
Noblesville	264	3	2	2	0	0	11.4	7.6	7.6	0.0	0.0
HANCOCK	529	4	2	5	3	0	7.6	3.8	9.4	5.7	0.0
Greenfield	171	0	0	1	1	0	0.0	0.0	5.8	5.8	0.0
HENDRICKS	969	9	8	13	5	0	9.3	8.3	13.3	5.2	0.0
Brownsburg	87	0	0	2	2	0	0.0	0.0	22.5	23.0	0.0
Plainfield	110	1	0	2	2	0	9.1	0.0	17.9	18.2	0.0
JOHNSON	1,174	15	10	17	7	0	12.8	8.5	14.4	6.0	0.0
Franklin	181	1	1	2	1	0	5.5	5.5	11.0	5.5	0.0
Greenwood	364	8	6	8	2	0	22.0	16.5	21.9	5.5	0.0
MAKION	13,663	195	137	241	104	1	14.3	10.0	17.5	7.6	7.3
Beech Grove	157	1	0	0	0	0	6.4	0.0	0.0	0.0	0.0
Indianapolis	13,268	189	134	234	100	1	14.2	10.1	17.5	7.5	7.5
Lawrence	42	1	0	3	3	0	23.8	0.0	66.7	71.4	0.0
Speedway	47	1	0	1	1	0	21.3	0.0	20.8	21.3	0.0
MORGAN	741	7	6	8	2	0	9.4	8.1	10.8	2.7	0.0
Martinsville	214	1	1	1	0	0	4.7	4.7	4.7	0.0	0.0
Mooreville	64	2	2	3	1	0	31.3	31.3	46.2	15.6	0.0

Table 4-13

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL, FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
SHELBY	572	5	3	7	4	0	8.7	5.2	12.2	7.0	0.0
Shelbyville	230	1	1	3	2	0	4.3	4.3	12.9	8.7	0.0
2-2	6,441	64	43	102	59	0	9.9	6.7	15.7	9.2	0.0
BLACKFORD	201	3	1	2	1	0	14.9	5.0	9.9	5.0	0.0
Hartford City	115	3	1	2	1	0	26.1	8.7	17.2	8.7	0.0
DELAWARE	1,479	16	11	24	13	0	10.8	7.4	16.1	8.8	0.0
Muncie	989	13	10	20	10	0	13.1	10.1	20.2	10.1	0.0
FAYETTE	335	2	1	6	5	0	6.0	3.0	17.6	14.9	0.0
Connersville	207	0	0	3	3	0	0.0	0.0	14.3	14.5	0.0
FRANKLIN	257	1	1	1	0	0	3.9	3.9	3.9	0.0	0.0
HENRY	552	8	6	12	6	0	14.5	10.9	21.5	10.9	0.0
New Castle	229	5	4	6	2	0	21.8	17.5	26.0	8.7	0.0
JAY	307	3	2	3	1	0	9.8	6.5	9.8	3.3	0.0
Portland	79	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MADISON	1,696	14	10	27	17	0	8.3	5.9	15.8	10.0	0.0
Alexandria	78	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Anderson	859	5	3	15	12	0	5.8	3.5	17.2	14.0	0.0
Elwood	135	0	0	2	2	0	0.0	0.0	14.6	14.8	0.0
RANDOLPH	337	6	4	7	3	0	17.8	11.9	20.6	8.9	0.0
Union City	45	2	1	1	0	0	44.4	22.2	22.2	0.0	0.0
Winchester	50	0	0	1	1	0	0.0	0.0	19.6	20.0	0.0
RUSH	233	2	1	3	2	0	8.6	4.3	12.8	8.6	0.0
Rushville	68	1	0	0	0	0	14.7	0.0	0.0	0.0	0.0
UNION	74	3	1	1	0	0	40.5	13.5	13.5	0.0	0.0
WAYNE	970	6	5	16	11	0	6.2	5.2	16.3	11.3	0.0
Richmond	601	3	3	12	9	0	5.0	5.0	19.7	15.0	0.0
2-3	2,408	24	17	40	23	0	10.0	7.1	16.5	9.6	0.0
GRANT	1,008	12	9	19	10	0	11.9	8.9	18.7	9.9	0.0
Gas City	83	1	1	1	0	0	12.0	12.0	12.0	0.0	0.0
Marion	537	9	6	14	8	0	16.8	11.2	25.7	14.9	0.0
HOWARD	1,202	10	6	18	12	0	8.3	5.0	14.8	10.0	0.0
Kokomo	792	9	5	12	7	0	11.4	6.3	15.0	8.8	0.0
TIPTON	198	2	2	3	1	0	10.1	10.1	15.1	5.1	0.0
Tipton	65	1	1	1	0	0	15.4	15.4	15.4	0.0	0.0
2-4	3,725	44	33	64	31	0	11.8	8.9	17.0	8.3	0.0
BENTON	138	1	0	0	0	0	7.2	0.0	0.0	0.0	0.0
CARROLL	240	0	0	2	2	0	0.0	0.0	8.3	8.3	0.0
CLINTON	453	10	10	17	7	0	22.1	22.1	37.0	15.5	0.0
Frankfort	242	6	6	10	4	0	24.8	24.8	40.7	16.5	0.0
FOUNTAIN	233	6	5	8	3	0	25.8	21.5	33.9	12.9	0.0
MONTGOMERY	455	5	4	8	4	0	11.0	8.8	17.4	8.8	0.0
Crawfordsville	191	3	2	2	0	0	15.7	10.5	10.5	0.0	0.0
TIPPECANOE	1,763	16	10	21	11	0	9.1	5.7	11.8	6.2	0.0
Lafayette	808	5	3	10	7	0	6.2	3.7	12.3	8.7	0.0
West Lafayette	387	4	1	2	1	0	10.3	2.6	5.2	2.6	0.0
WARREN	105	0	0	1	1	0	0.0	0.0	9.4	9.5	0.0
WHITE	338	6	4	7	3	0	17.8	11.8	20.5	8.9	0.0
Monticello	81	2	0	2	2	0	24.7	0.0	24.1	24.7	0.0

Table 4-13

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
COUNTY AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH	NEONATAL DEATH	PERINATAL DEATH	FETAL DEATH	MATERNAL DEATH
							RATES*	RATES*	RATES*	RATES*	RATES**
HSA 3	18,081	175	114	235	121	1	9.7	6.3	12.9	6.7	5.5
3-1	2,746	26	18	38	20	1	9.5	6.6	13.7	7.3	36.4
CLAY	338	4	2	4	2	0	11.8	5.9	11.8	5.9	0.0
Brazil	103	1	0	2	2	0	9.7	0.0	19.0	19.4	0.0
PARKE	196	2	2	5	3	0	10.2	10.2	25.1	15.3	0.0
PUTNAM	345	3	2	6	4	1	8.7	5.8	17.2	11.6	289.9
Greencastle	94	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
SULLIVAN	273	1	1	3	2	0	3.7	3.7	10.9	7.3	0.0
VERMILLION	191	0	0	2	2	0	0.0	0.0	10.4	10.5	0.0
Clinton	57	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
VIGO	1,403	16	11	18	7	0	11.4	7.8	12.8	5.0	0.0
Terre Haute	875	9	6	12	6	0	10.3	6.9	13.6	6.9	0.0
3-2	2,299	26	17	34	17	0	11.3	7.4	14.7	7.4	0.0
GREENE	356	3	1	7	6	0	8.4	2.8	19.3	16.9	0.0
Linton	41	1	1	2	1	0	24.4	24.4	47.6	24.4	0.0
LAWRENCE	567	6	3	4	1	0	10.6	5.3	7.0	1.8	0.0
Bedford	182	3	2	2	0	0	16.5	11.0	11.0	0.0	0.0
MONROE	1,160	11	8	16	8	0	9.5	6.9	13.7	6.9	0.0
Bloomington	706	8	6	14	8	0	11.3	8.5	19.6	11.3	0.0
OWEN	216	6	5	7	2	0	27.8	23.1	32.1	9.3	0.0
3-3	3,470	31	20	46	26	0	8.9	5.8	13.2	7.5	0.0
BARTHOLOMEW	866	8	5	8	3	0	9.2	5.8	9.2	3.5	0.0
Columbus	498	5	3	4	1	0	10.0	6.0	8.0	2.0	0.0
BROWN	173	1	0	0	0	0	5.8	0.0	0.0	0.0	0.0
DEARBORN	500	4	2	4	2	0	8.0	4.0	8.0	4.0	0.0
DECATUR	306	6	5	8	3	0	19.6	16.3	25.9	9.8	0.0
Greensburg	95	3	2	3	1	0	31.6	21.1	31.3	10.5	0.0
JACKSON	486	4	2	10	8	0	8.2	4.1	20.2	16.5	0.0
Seymour	224	3	2	8	6	0	13.4	8.9	34.8	26.8	0.0
JEFFERSON	343	2	1	6	5	0	5.8	2.9	17.2	14.6	0.0
Madison	156	1	0	1	1	0	6.4	0.0	6.4	6.4	0.0
JENNINGS	287	1	1	2	1	0	3.5	3.5	6.9	3.5	0.0
North Vernon	58	1	1	1	0	0	17.2	17.2	17.2	0.0	0.0
OHIO	63	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RIPLEY	346	3	2	6	4	0	8.7	5.8	17.1	11.6	0.0
SWITZERLAND	100	2	2	2	0	0	20.0	20.0	20.0	0.0	0.0
3-4	2,299	15	11	21	10	0	6.5	4.8	9.1	9.3	0.0
DAVISS	431	1	1	5	4	0	2.3	2.3	11.5	9.3	0.0
Washington	144	0	0	1	1	0	0.0	0.0	6.9	6.9	0.0
DUBOIS	572	4	4	6	2	0	7.0	7.0	10.5	3.5	0.0
Huntingburg	87	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Jasper	145	1	1	3	2	0	6.9	6.9	20.4	13.8	0.0
GIBSON	453	2	2	3	1	0	4.4	4.4	6.6	2.2	0.0
Princeton	94	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
KNOX	531	6	3	5	2	0	11.3	5.6	9.4	3.8	0.0
Vincennes	269	1	0	2	2	0	3.7	0.0	7.4	7.4	0.0
MARTIN	171	2	1	1	0	0	11.7	5.8	5.8	0.0	0.0
PIKE	141	0	0	1	1	0	0.0	0.0	7.0	7.1	0.0

Table 4-13

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL, FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA, COUNTY AND CITY OVER 5,000 IN 1980 CENSUS, INDIANA RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT	NEONATAL	PERINATAL	FETAL	MATERNAL
							DEATH RATES*	DEATH RATES*	DEATH RATES*	DEATH RATES*	DEATH RATES**
3-5	3,346	40	25	51	26	0	12.0	7.5	15.1	7.8	0.0
CLARK	1,146	15	6	12	6	0	13.1	5.2	10.4	5.2	0.0
Charlestown	81	2	0	1	1	0	24.7	0.0	12.2	12.3	0.0
Clarksville	168	1	1	1	0	0	6.0	6.0	6.0	0.0	0.0
Jeffersonville	416	8	3	7	4	0	19.2	7.2	16.7	9.6	0.0
CRAWFORD	142	2	1	3	2	0	14.1	7.0	20.8	14.1	0.0
FLOYD	869	11	10	17	7	0	12.7	11.5	19.4	8.1	0.0
New Albany	595	8	7	11	4	0	13.4	11.8	18.4	6.7	0.0
HARRISON	337	5	4	7	3	0	14.8	11.9	20.6	8.9	0.0
ORANGE	242	3	3	8	5	0	12.4	12.4	32.4	20.7	0.0
SCOTT	295	3	1	3	2	0	10.2	3.4	10.1	6.8	0.0
Scottsburg	59	1	1	2	1	0	16.9	16.9	33.3	16.9	0.0
WASHINGTON	315	1	0	1	1	0	3.2	0.0	3.2	3.2	0.0
Salem	57	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-6	3,921	37	23	45	22	0	9.4	5.9	11.4	5.6	0.0
PERRY	233	2	2	4	2	0	8.6	8.6	17.0	8.6	0.0
Tell City	92	1	1	2	1	0	10.9	10.9	21.5	10.9	0.0
POSEY	387	5	3	5	2	0	12.9	7.8	12.9	5.2	0.0
Mt. Vernon	118	4	2	2	0	0	33.9	16.9	16.9	0.0	0.0
SPENCER	238	1	1	2	1	0	4.2	4.2	8.4	4.2	0.0
VANDERBURGH	2,414	25	14	29	15	0	10.4	5.8	11.9	6.2	0.0
Evansville	1,991	21	10	24	14	0	10.5	5.0	12.0	7.0	0.0
WARRICK	649	4	3	5	2	0	6.2	4.6	7.7	3.1	0.0
Boonville	113	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

* Per 1,000 Live Births

** Per 100,000 Live Births

Source: ISBH-Public Health Statistics

Table 4-13A

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
AND COUNTY, INDIANA WHITE RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
INDIANA	70,686	700	464	969	505	3	9.9	6.6	13.6	7.1	4.2
HSA 1	25,226	243	155	345	190	1	9.6	6.1	13.6	7.5	4.0
HSA 1-1	6,840	68	47	96	49	0	9.9	6.9	13.9	7.2	0.0
JASPER	377	2	1	4	3	0	5.3	2.7	10.5	8.0	0.0
LAKE	4,701	51	37	73	36	0	10.8	7.9	15.4	7.7	0.0
NEWTON	182	0	0	1	1	0	0.0	0.0	5.5	5.5	0.0
PORTER	1,580	15	9	18	9	0	9.5	5.7	11.3	5.7	0.0
1-2	8,952	83	53	116	63	1	9.3	5.9	12.9	7.0	11.2
CASS	528	4	2	4	2	0	7.6	3.8	7.5	3.8	0.0
ELKHART	2,342	16	8	27	19	0	6.8	3.4	11.4	8.1	0.0
FULTON	236	4	2	4	2	0	16.9	8.5	16.8	8.5	0.0
LAPORTE	1,245	15	11	14	3	0	12.0	8.8	11.2	2.4	0.0
MARSHALL	585	3	3	8	5	0	5.1	5.1	13.6	8.5	0.0
MIAMI	632	0	0	5	5	0	0.0	0.0	7.8	7.9	0.0
PULASKI	202	2	1	5	4	0	9.9	5.0	24.3	19.8	0.0
ST. JOSEPH	2,910	33	22	45	23	1	11.3	7.6	15.3	7.9	34.4
STARKE	272	6	4	4	0	0	22.1	14.7	14.7	0.0	0.0
1-3	9,434	92	55	133	78	0	9.8	5.8	14.0	8.3	0.0
ADAMS	525	5	5	14	9	0	9.5	9.5	26.2	17.1	0.0
ALLEN	4,062	36	19	52	33	0	8.9	4.7	12.7	8.1	0.0
DEKALB	488	8	5	9	4	0	16.4	10.2	18.3	8.2	0.0
HUNTINGTON	485	5	4	5	1	0	10.3	8.2	10.3	2.1	0.0
KOSCIUSKO	1,056	8	5	11	6	0	7.6	4.7	10.4	5.7	0.0
LAGRANGE	600	7	5	9	4	0	11.7	8.3	14.9	6.7	0.0
NOBLE	597	7	2	6	4	0	11.7	3.4	10.0	6.7	0.0
STEBEN	371	3	1	6	5	0	8.1	2.7	16.0	13.5	0.0
WABASH	463	3	1	6	5	0	6.5	2.2	12.8	10.8	0.0
WELLS	390	4	3	6	3	0	10.3	7.7	15.3	7.7	0.0
WHITLEY	397	6	5	9	4	0	15.1	12.6	22.4	10.1	0.0
HSA 2	28,006	291	201	401	200	1	10.4	7.2	14.2	7.1	3.6
2-1	16,088	165	114	209	95	1	10.3	7.1	12.9	5.9	6.2
BOONE	544	5	3	6	3	0	9.2	5.5	11.0	5.5	0.0
HAMILTON	1,324	15	10	16	6	1	11.3	7.6	12.0	4.5	75.5
HANCOCK	527	4	2	5	3	0	7.6	3.8	9.4	5.7	0.0
HENDRICKS	964	9	8	13	5	0	9.3	8.3	13.4	5.2	0.0
JOHNSON	1,164	15	10	17	7	0	12.9	8.6	14.5	6.0	0.0
MARION	10,262	106	73	138	65	0	10.3	7.1	13.4	6.3	0.0
MORGAN	739	7	6	8	2	0	9.5	8.1	10.8	2.7	0.0
SHELBY	564	4	2	6	4	0	7.1	3.5	10.6	7.1	0.0

Table 4-13A

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
AND COUNTY, INDIANA WHITE RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
2-2	6,048	61	40	93	53	0	10.1	6.6	14.3	8.8	0.0
BLACKFORD	199	3	1	2	1	0	15.1	5.0	10.0	5.0	0.0
DELAWARE	1,338	13	8	20	12	0	9.7	6.0	14.8	9.0	0.0
FAYETTE	328	2	1	6	5	0	6.1	3.0	18.0	15.2	0.0
FRANKLIN	257	1	1	1	0	0	3.9	3.9	3.9	0.0	0.0
HENRY	542	8	6	12	6	0	14.8	11.1	21.9	11.1	0.0
JAY	306	3	2	3	1	0	9.8	6.5	9.8	3.3	0.0
MADISON	1,532	14	10	23	13	0	9.1	6.5	14.9	8.5	0.0
RANDOLPH	335	6	4	7	3	0	17.9	11.9	20.7	9.0	0.0
RUSH	232	2	1	3	2	0	8.6	4.3	12.8	8.6	0.0
UNION	74	3	1	1	0	0	40.5	13.5	13.5	0.0	0.0
WAYNE	905	6	5	15	10	0	6.6	5.5	16.4	11.0	0.0
2-3	2,240	22	15	36	21	0	9.8	6.7	15.9	9.4	0.0
GRANT	911	11	8	17	9	0	12.1	8.8	18.5	9.9	0.0
HOWARD	1,131	9	5	16	11	0	8.0	4.4	14.0	9.7	0.0
TIPTON	198	2	2	3	1	0	10.1	10.1	15.1	5.1	0.0
2-4	3,630	43	32	63	31	0	11.8	8.8	17.2	8.5	0.0
BENTON	138	1	0	0	0	0	7.2	0.0	0.0	0.0	0.0
CARROLL	240	0	0	2	2	0	0.0	0.0	8.3	8.3	0.0
CLINTON	452	10	10	17	7	0	22.1	22.1	37.0	15.5	0.0
FOUNTAIN	233	6	5	8	3	0	25.8	21.5	33.9	12.9	0.0
MONTGOMERY	452	5	4	8	4	0	11.1	8.8	17.5	8.8	0.0
TIPPECANOE	1,672	15	9	20	11	0	9.0	5.4	11.9	6.6	0.0
WARREN	105	0	0	1	1	0	0.0	0.0	9.4	9.5	0.0
WHITE	338	6	4	7	3	0	17.8	11.8	20.5	8.9	0.0
HSA 3	17,454	166	108	223	115	1	9.5	6.2	12.7	6.6	5.7
3-1	2,616	24	17	33	16	1	9.2	6.5	12.5	6.1	38.2
CLAY	337	4	2	4	2	0	11.9	5.9	11.8	5.9	0.0
PARKE	195	2	2	5	3	0	10.3	10.3	25.3	15.4	0.0
PUTNAM	341	3	2	6	4	1	8.8	5.9	17.4	11.7	293.3
SULLIVAN	273	1	1	3	2	0	3.7	3.7	10.9	7.3	0.0
VERMILLION	191	0	0	2	2	0	0.0	0.0	10.4	10.5	0.0
VIGO	1,279	14	10	13	3	0	10.9	7.8	10.1	2.3	0.0
3-2	2,233	26	17	34	17	0	11.6	7.6	15.1	7.6	0.0
GREENE	356	3	1	7	6	0	8.4	2.8	19.3	16.9	0.0
LAWRENCE	562	6	3	4	1	0	10.7	5.3	7.1	1.8	0.0
MONROE	1,099	11	8	16	8	0	10.0	7.3	14.5	7.3	0.0
OWEN	216	6	5	7	2	0	27.8	23.1	32.1	9.3	0.0
3-3	3,434	30	19	45	26	0	8.7	5.5	13.0	7.6	0.0
BARTHOLOMEW	851	8	5	8	3	0	9.4	5.9	9.4	3.5	0.0
BROWN	170	1	0	0	0	0	5.9	0.0	0.0	0.0	0.0
DEARBORN	492	4	2	4	2	0	8.1	4.1	8.1	4.1	0.0
DECATUR	306	6	5	8	3	0	19.6	16.3	25.9	9.8	0.0
JACKSON	485	4	2	10	8	0	8.2	4.1	20.3	16.5	0.0

Table 4-13A

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
AND COUNTY, INDIANA WHITE RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
JEFFERSON	336	1	0	5	5	0	3.0	0.0	14.7	14.9	0.0
JENNINGS	285	1	1	2	1	0	3.5	3.5	7.0	3.5	0.0
OHIO	63	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RIPLEY	346	3	2	6	4	0	8.7	5.8	17.1	11.6	0.0
SWITZERLAND	100	2	2	2	0	0	20.0	20.0	20.0	0.0	0.0
3-4	2,276	15	11	21	10	0	6.6	4.8	9.2	4.4	0.0
DAVISS	429	1	1	5	4	0	2.3	2.3	11.5	9.3	0.0
DUBOIS	571	4	4	6	2	0	7.0	7.0	10.5	3.5	0.0
GIBSON	442	2	2	3	1	0	4.5	4.5	6.8	2.3	0.0
KNOX	523	6	3	5	2	0	11.5	5.7	9.5	3.8	0.0
MARTIN	171	2	1	1	0	0	11.7	5.8	5.8	0.0	0.0
PIKE	140	0	0	1	1	0	0.0	0.0	7.1	7.1	0.0
3-5	3,242	37	24	48	24	0	11.4	7.4	14.7	7.4	0.0
CLARK	1,080	13	6	10	4	0	12.0	5.6	9.2	3.7	0.0
CRAWFORD	142	2	1	3	2	0	14.1	7.0	20.8	14.1	0.0
FLOYD	832	10	9	16	7	0	12.0	10.8	19.1	8.4	0.0
HARRISON	336	5	4	7	3	0	14.9	11.9	20.6	8.9	0.0
ORANGE	242	3	3	8	5	0	12.4	12.4	32.4	20.7	0.0
SCOTT	295	3	1	3	2	0	10.2	3.4	10.1	6.8	0.0
WASHINGTON	315	1	0	1	1	0	3.2	0.0	3.2	3.2	0.0
3-6	3,653	34	20	42	22	0	9.3	5.5	11.4	6.0	0.0
PERRY	232	2	2	4	2	0	8.6	8.6	17.1	8.6	0.0
POSEY	382	4	2	4	2	0	10.5	5.2	10.4	5.2	0.0
SPENCER	238	1	1	2	1	0	4.2	4.2	8.4	4.2	0.0
VANDEBURGH	2,161	23	12	27	15	0	10.6	5.6	12.4	6.9	0.0
WARRICK	640	4	3	5	2	0	6.3	4.7	7.8	3.1	0.0

* Per 1,000 Live Births

** Per 100,000 Live Births

Source: ISBH-Public Health Statistics

Table 4-13B

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
AND COUNTY, INDIANA NONWHITE RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
INDIANA	8,583	188	133	248	115	1	21.9	15.5	28.5	13.4	11.7
HSA 1	3,854	82	55	117	62	0	21.3	14.3	29.9	16.1	0.0
HSA 1-1	2,150	49	30	67	37	0	22.8	14.0	30.6	17.2	0.0
JASPER	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
LAKE	2,138	49	30	67	37	0	22.9	14.0	30.8	17.3	0.0
NEWTON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PORTER	11	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
1-2	942	17	15	25	10	0	18.0	15.9	26.3	10.6	0.0
CASS	7	0	0	1	1	0	0.0	0.0	125.0	142.9	0.0
ELKHART	174	2	1	5	4	0	11.5	5.7	28.1	23.0	0.0
FULTON	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
LAPORTE	170	4	4	4	0	0	23.5	23.5	23.5	0.0	0.0
MARSHALL	5	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MIAMI	24	1	1	1	0	0	41.7	41.7	41.7	0.0	0.0
PULASKI	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ST. JOSEPH	556	10	9	14	5	0	18.0	16.2	25.0	9.0	0.0
STARKE	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
1-3	762	16	10	25	15	0	21.0	13.1	32.2	19.7	0.0
ADAMS	6	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ALLEN	733	16	10	25	15	0	21.8	13.6	33.4	20.5	0.0
DEKALB	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HUNTINGTON	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
KOSCIUSKO	9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
LAGRANGE	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
NOBLE	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
STEUBEN	5	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WABASH	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WELLS	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WHITLEY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HSA 2	4,102	97	72	119	47	1	23.6	17.6	28.7	11.5	24.4
2-1	3,446	91	66	105	39	1	26.4	19.2	30.1	11.3	29.0
BOONE	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HAMILTON	17	1	1	1	0	0	58.8	58.8	58.8	0.0	0.0
HANCOCK	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HENDRICKS	5	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
JOHNSON	10	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MARION	3,401	89	64	103	39	1	26.2	18.8	29.9	11.5	29.4
MORGAN	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
SHELBY	8	1	1	1	0	0	125.0	125.0	125.0	0.0	0.0

Table 4-13B

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
AND COUNTY, INDIANA NONWHITE RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
2-2	393	3	3	9	6	0	7.6	7.6	22.6	15.3	0.0
BLACKFORD	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DELAWARE	141	3	3	4	1	0	21.3	21.3	28.2	7.1	0.0
FAYETTE	7	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
FRANKLIN	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HENRY	10	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
JAY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MADISON	164	0	0	4	4	0	0.0	0.0	23.8	24.4	0.0
RANDOLPH	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RUSH	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
UNION	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WAYNE	65	0	0	1	1	0	0.0	0.0	15.2	15.4	0.0
2-3	168	2	2	4	2	0	11.9	11.9	23.5	11.9	0.0
GRANT	97	1	1	2	1	0	10.3	10.3	20.4	10.3	0.0
HOWARD	71	1	1	2	1	0	14.1	14.1	27.8	14.1	0.0
TIPTON	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
2-4	95	1	1	1	0	0	10.5	10.5	10.5	0.0	0.0
BENTON	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CARROLL	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
CLINTON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
FOUNTAIN	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONTGOMERY	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
TIPPECANOE	91	1	1	1	0	0	11.0	11.0	11.0	0.0	0.0
WARREN	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WHITE	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
HSA 3	627	9	6	12	6	0	14.4	9.6	19.0	9.6	0.0
3-1	130	2	1	5	4	0	15.4	7.7	37.3	30.8	0.0
CLAY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PARKE	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PUTNAM	4	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
SULLIVAN	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
VERMILLION	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
VIGO	124	2	1	5	4	0	16.1	8.1	39.1	32.3	0.0
3-2	66	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GREENE	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
LAWRENCE	5	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MONROE	61	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
OWEN	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-3	36	1	1	1	0	0	27.8	27.8	27.8	0.0	0.0
BARTHOLOMEW	15	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
BROWN	3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DEARBORN	8	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DECATUR	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
JACKSON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

Table 4-13B

NUMBER OF DEATHS AND DEATH RATES* BY INFANT, NEONATAL, PERINATAL,
FETAL, AND MATERNAL** CATEGORIES, BY HEALTH SERVICE AREA, SUBAREA,
AND COUNTY, INDIANA NONWHITE RESIDENTS, 1986

AREA	LIVE BIRTHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	FETAL DEATHS	MATERNAL DEATHS	INFANT DEATH RATES*	NEONATAL DEATH RATES*	PERINATAL DEATH RATES*	FETAL DEATH RATES*	MATERNAL DEATH RATES**
JEFFERSON	7	1	1	1	0	0	142.9	142.9	142.9	0.0	0.0
JENNINGS	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
OHIO	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
RIPLEY	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
SWITZERLAND	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-4	23	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DAVISS	2	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
DUBOIS	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
GIBSON	11	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
KNOX	8	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
MARTIN	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
PIKE	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-5	104	3	1	3	2	0	28.8	9.6	28.3	19.2	0.0
CLARK	66	2	0	2	2	0	30.3	0.0	29.4	30.3	0.0
CRAWFORD	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
FLOYD	37	1	1	1	0	0	27.0	27.0	27.0	0.0	0.0
HARRISON	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
ORANGE	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
SCOTT	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
WASHINGTON	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
3-6	268	3	3	3	0	0	11.2	11.2	11.2	0.0	0.0
PERRY	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
POSEY	5	1	1	1	0	0	200.0	200.0	200.0	0.0	0.0
SPENCER	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
VANDEBURGH	253	2	2	2	0	0	7.9	7.9	7.9	0.0	0.0
WARRICK	9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0

* Per 1,000 Live Births

** Per 100,000 Live Births

Source: ISBH-Public Health Statistics

Table 4-14

NUMBER OF DEATHS UNDER ONE YEAR OF AGE, BY
INFANT AGE, BY CAUSE, INDIANA RESIDENTS, 1986

CAUSE	UNDER 1 HOUR	1 HOUR/ 1 DAY	1 DAY/ 6 DAYS	7 DAYS/ 27 DAYS	1 MONTH/ 11 MONTH	TOTAL
SEPTICEMIA	0	0	0	0	7	7
OTHER BACTERIAL DISEASES	0	0	0	0	2	2
VIRAL DISEASES	0	0	0	1	1	2
MALIGNANT NEOPLASMS	0	1	0	0	1	2
OTHER NEOPLASMS	0	1	1	0	0	2
ENDOCRINE, NUTRITIONAL - METABOLIC DISEASES	0	1	0	1	10	12
DISEASES OF BLOOD - BLOOD FORMING ORGANS	0	0	0	1	2	3
MENINGITIS (EXCEPT INFECTIVE)	0	0	1	2	2	5
OTHER DISEASES OF NERVOUS SYSTEM - SENSE ORGANS	0	0	0	1	9	10
DISEASES OF CIRCULATORY SYSTEM	0	1	6	2	17	26
PNEUMONIA - INFLUENZA	0	1	0	0	8	9
OTHER DISEASES OF RESPIRATORY SYSTEM	0	0	1	1	7	9
DISEASES OF DIGESTIVE SYSTEM	0	0	0	2	3	5
DISEASES OF GENITOURINARY SYSTEM	0	0	1	1	1	3
DISEASES OF MUSCULOSKELETAL SYSTEM-CONNECTIVE TISSUE	0	0	0	0	1	1
CONGENITAL ANOMALIES	17	52	51	23	56	199
MATERNAL CAUSES	19	46	1	1	2	69
COMPLICATIONS OF LABOR - DELIVERY	1	1	2	0	0	4
IMMATURITY	16	46	3	0	0	65
BIRTH INJURY	1	0	1	0	0	2
INTRAUTERINE HYPOXIA - BIRTH ASPHYXIA	3	10	5	2	2	22
RESPIRATORY DISTRESS SYNDROME	2	29	18	9	4	62
OTHER RESPIRATORY CONDITIONS	9	37	25	10	8	89
INFECTIONS SPECIFIC TO PERINATAL PERIOD	1	4	14	15	1	35
FETAL - NEONATAL HEMORRHAGE	0	5	4	1	1	11
HEMOLITIC DISEASE OF FETUS OR NEWBORN	0	1	0	0	0	1
ENDOCRINE - METABOLIC DISEASES	0	1	2	0	0	3
HEMOTOLOGICAL DISORDERS	0	0	1	0	0	1
PERINATAL DISORDERS OF DIGESTIVE SYSTEM	0	0	2	6	2	10
OTHER CAUSES OF PERINATAL MORTALITY	7	38	9	6	1	61
SUDDEN INFANT DEATH SYNDROME	0	0	0	11	115	126
SYMPTOMS - ILL DEFINED CONDITIONS	0	1	0	0	8	9
ACCIDENTS	0	0	0	1	16	17
HOMICIDE	0	0	0	0	3	3
UNDETERMINED (ACCIDENT OR HOMICIDE)	0	0	0	0	1	1
TOTALS	76	276	148	97	291	888

Source: ISBH-Public Health Statistics

Table 4-14A

NUMBER OF INFANT* AND NEONATAL** DEATHS BY
SEX, BY CAUSE, INDIANA WHITE RESIDENTS, 1986

CAUSE	INFANT*			NEONATAL**		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SEPTICEMIA	6	4	2	0	0	0
OTHER BACTERIAL DISEASES	2	1	1	0	0	0
VIRAL DISEASES	1	0	1	0	0	0
MALIGNANT NEOPLASMS	2	0	2	1	0	1
OTHER NEOPLASMS	1	0	1	1	0	1
ENDOCRINE, NUTRITIONAL, METABOLIC DISEASES	10	2	8	1	0	1
DISEASES OF BLOOD - BLOOD FORMING ORGAN	1	1	0	1	1	0
MENINGITIS (EXCEPT INFECTIVE)	4	3	1	2	2	0
OTHER DISEASES OF NERVOUS SYSTEM - SENSE ORGANS	9	6	3	1	1	0
DISEASES OF CIRCULATORY SYSTEM	23	12	11	8	4	4
PNEUMONIA - INFLUENZA	8	5	3	1	1	0
OTHER DISEASES OF RESPIRATORY SYSTEM	9	5	4	2	1	1
DISEASES OF DIGESTIVE SYSTEM	4	2	2	2	1	1
CONGENITAL ANOMALIES	176	106	70	127	73	54
MATERNAL CAUSES	53	22	31	52	21	31
COMPLICATIONS OF LABOR - DELIVERY	3	3	0	3	3	0
IMMATURITY	40	24	16	40	24	16
BIRTH INJURY	2	1	1	2	1	1
INTRAUTERINE HYPOXIA - BIRTH ASPHYXIA	18	11	7	16	10	6
RESPIRATORY DISTRESS SYNDROME	54	39	15	50	36	14
OTHER RESPIRATORY CONDITIONS	64	40	24	61	37	24
INFECTIONS SPECIFIC TO PERINATAL PERIOD	30	19	11	29	18	11
FETAL - NEONATAL HEMORRHAGE	7	5	2	6	4	2
HEMOLITIC DISEASE OF FETUS OF NEWBORN	1	0	1	1	0	1
ENDOCRINE - METABOLIC DISEASE	3	1	2	3	1	2
HEMATOLOGICAL DISORDERS	1	1	0	1	1	0
PERINATAL DISORDERS OF DIGESTIVE SYSTEM	6	5	1	4	3	1
OTHER CAUSES OF PERINATAL MORTALITY	41	20	21	40	20	20
SUDDEN INFANT DEATH SYNDROME	99	63	36	8	6	2
SYMPTOMS - ILL DEFINED CONDITIONS	6	3	3	1	1	0
ACCIDENTS	13	4	9	0	0	0
HOMICIDE	2	1	1	0	0	0
UNDETERMINED (ACCIDENT OR HOMICIDE)	1	1	0	0	0	0
TOTAL	700	410	290	464	270	194

* Under One Year

** Under 28 Days

Source: ISBH-Public Health Statistics

Table 4-148

NUMBER OF INFANT* AND NEONATAL** DEATHS BY SEX,
BY CAUSE, INDIANA NONWHITE RESIDENTS, 1986

CAUSE	INFANT*			NEONATAL**		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
SEPTICEMIA	1	0	1	0	0	0
VIRAL DISEASES	1	0	1	1	0	1
NONMALIGNANT NEOPLASM	1	0	1	1	0	1
ENDOCRINE, NUTRITIONAL - METABOLIC DISEASES	2	2	0	1	1	0
DISEASES OF BLOOD - BLOOD FORMING ORGANS	2	2	0	0	0	0
MENINGITIS (EXCEPT INFECTIVE)	1	1	0	1	1	0
OTHER DISEASES OF NERVOUS SYSTEM - SENSE ORGANS	1	1	0	0	0	0
DISEASES OF CIRCULATORY SYSTEM	3	2	1	1	1	0
PNEUMONIA - INFLUENZA	1	1	0	0	0	0
DISEASES OF DIGESTIVE SYSTEM	1	1	0	0	0	0
DISEASES OF GENITOURINARY SYSTEM	3	3	0	2	2	0
DISEASES OF MUSCULOSKELETAL SYSTEM	1	0	1	0	0	0
CONGENITAL ANOMALIES	23	16	7	16	11	5
MATERNAL CAUSES	16	3	13	15	3	12
COMPLICATIONS OF LABOR - DELIVERY	1	0	1	1	0	1
IMMATURITY	25	12	13	25	12	13
INTRAUTERINE HYPOXIA - BIRTH ASPHYXIA	4	1	3	4	1	3
RESPIRATORY DISTRESS SYNDROME	8	4	4	8	4	4
OTHER RESPIRATORY CONDITIONS	25	11	14	20	9	11
INFECTIONS SPECIFIC TO PERINATAL PERIOD	5	5	0	5	5	0
FETAL - NEONATAL HEMORRHAGE	4	3	1	4	3	1
PERINATAL DISORDERS OF DIGESTIVE SYSTEM	4	1	3	4	1	3
OTHER CAUSES OF PERINATAL MORTALITY	20	12	8	20	12	8
SUDDEN INFANT DEATH SYNDROME	27	17	10	3	2	1
SYMPTOMS - ILL DEFINED CONDITIONS	3	3	0	0	0	0
ACCIDENTS	4	2	2	1	0	1
HOMICIDE	1	1	0	0	0	0
TOTAL	188	104	84	133	68	65

* Under One Year

** Under 28 Days

Source: ISBH-Public Health Statistics

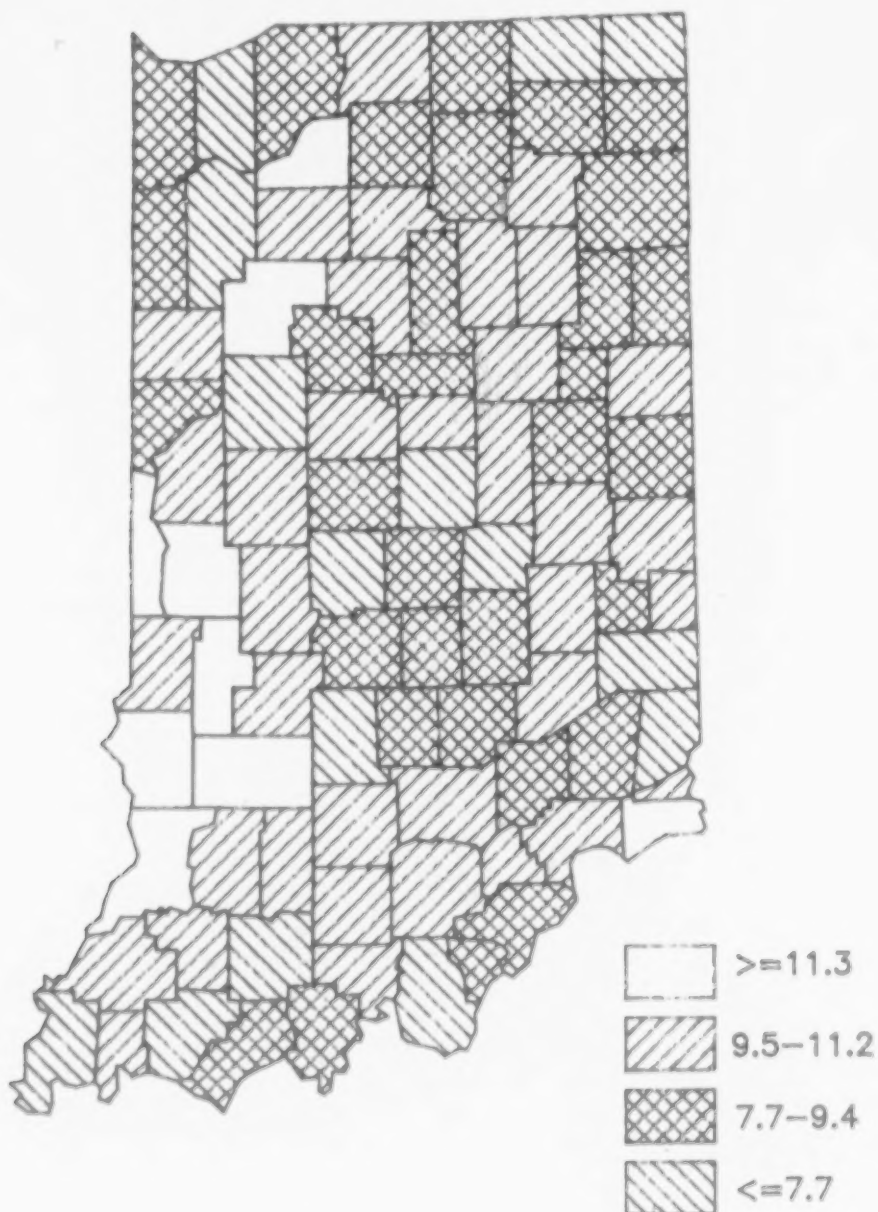
Table 4-15

MATERNAL MORTALITY BY CAUSE, AGE, AND COUNTY
OF RESIDENCE, BY YEAR, INDIANA, 1980 - 1986

YEAR	NUMBER	CAUSE	AGE	COUNTY
1980	5	Complications of Pregnancy	29	Marshall
		Problems with Amniotic Cavity & Membranes	23	Vanderburgh
		Major Puerperal Infection	37	Elkhart
		Venous Complications in Pregnancy & Puerperium	15	LaPorte
		Venous Complications in Pregnancy & Puerperium	29	Wayne
1981	8	Antepartum Hemorrhage	33	Daviess
		Antepartum Hemorrhage	34	Scott
		Postpartum Hemorrhage	32	Newton
		Complications with Anesthetics	16	Marion
		Complications of Labor & Delivery	18	Howard
		Obstetrical Pulmonary Embolism	28	Lake
		Obstetrical Pulmonary Embolism	21	Madison
		Obstetrical Pulmonary Embolism	20	Randolph
1982	2	Postpartum Hemorrhage	29	Elkhart
		Postpartum Hemorrhage	23	Noble
1983	3	Ectopic Pregnancy	24	Wayne
		Hypertension Complicating Pregnancy	33	Steuben
		Obstetrical Pulmonary Embolism	24	Noble
1984	7	Ectopic Pregnancy	35	Allen
		Ectopic Pregnancy	28	Lake
		Spontaneous Abortion	23	Marion
		Hypertension Complicating Pregnancy	31	Marion
		Obstetrical Trauma	34	Howard
		Postpartum Hemorrhage	28	Vanderburgh
		Obstetrical Pulmonary Embolism	36	Kosciusko
1985	5	Hydatidiform Mole	25	Monroe
		Hydatidiform Mole	19	Scott
		Venous Complications in Pregnancy	17	Lake
		Obstetrical Pulmonary Embolism	29	Fountain
		Obstetrical Pulmonary Embolism	27	Marion
1986	4	Cardiovascular Disease	29	St. Joseph
		Postpartum Hemorrhage	23	Putnam
		Obstetrical Pulmonary Embolism	27	Hamilton
		Other Complications of Puerperium	26	Marion

Source: ISBH-Public Health Statistics

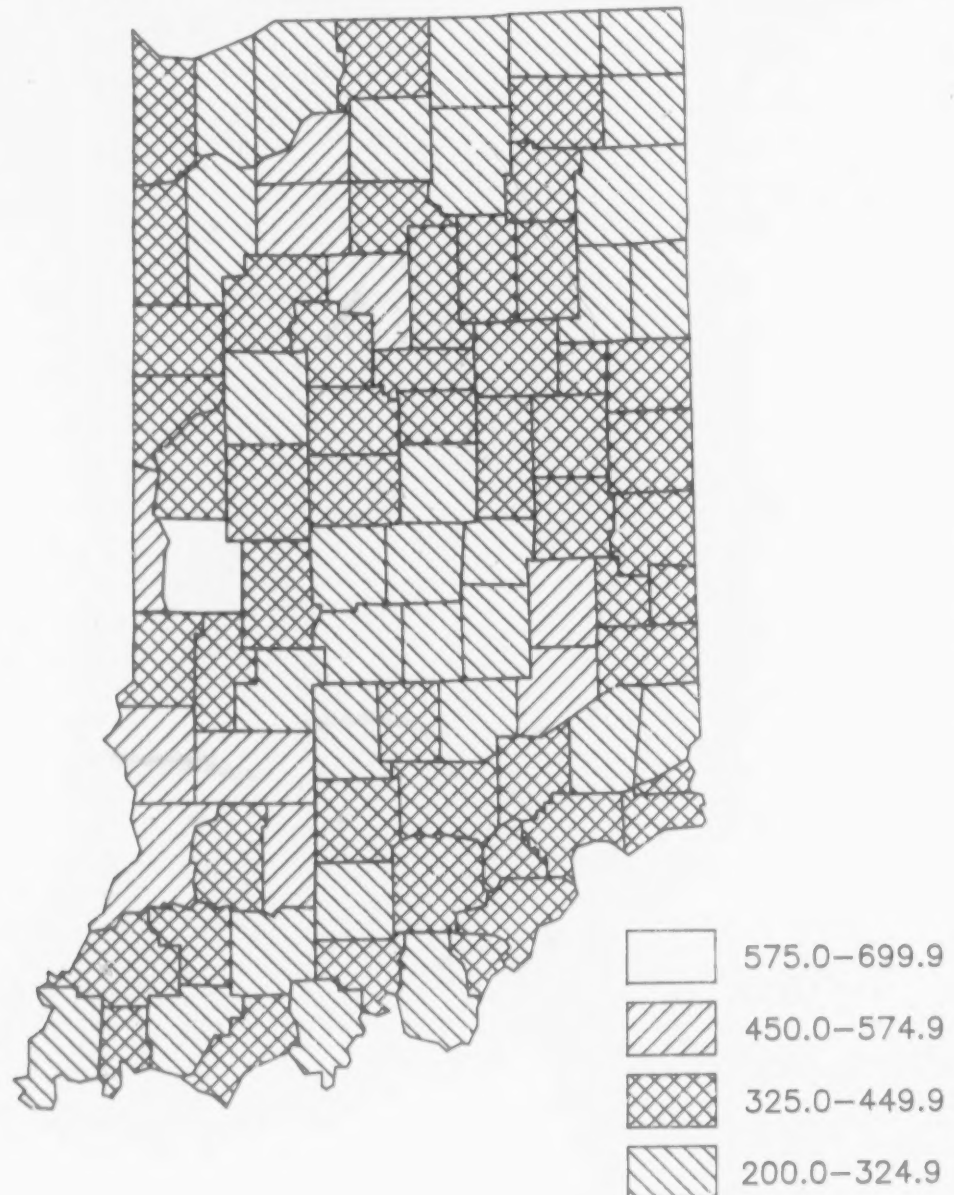
Map 4-1
MORTALITY RATES PER 100,000
POPULATION, INDIANA, 1986



Source: ISBH—Public Health Statistics

Map 4-2

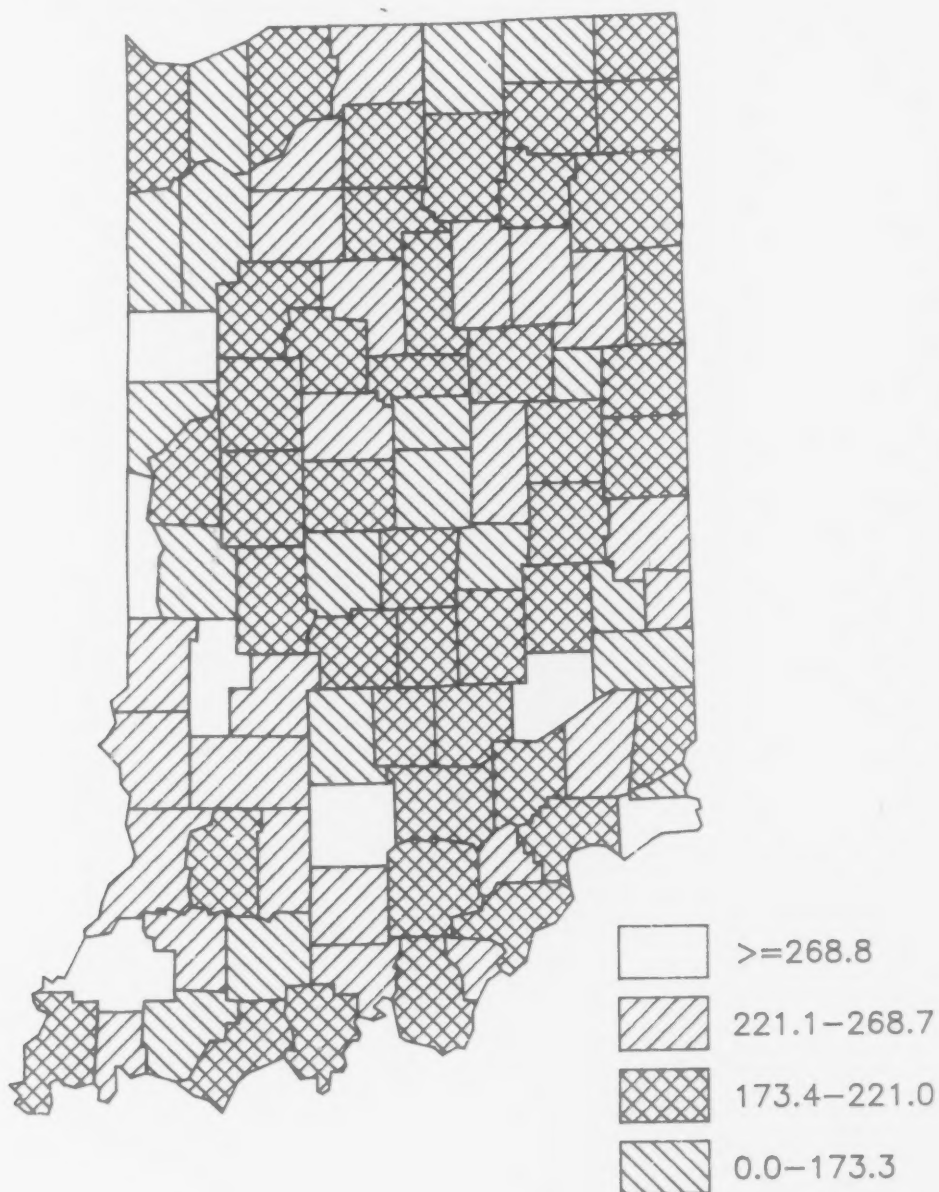
HEART DISEASE MORTALITY RATES PER
100,000 POPULATION, INDIANA, 1986



Source: ISBH-Public Health Statistics

Map 4-3

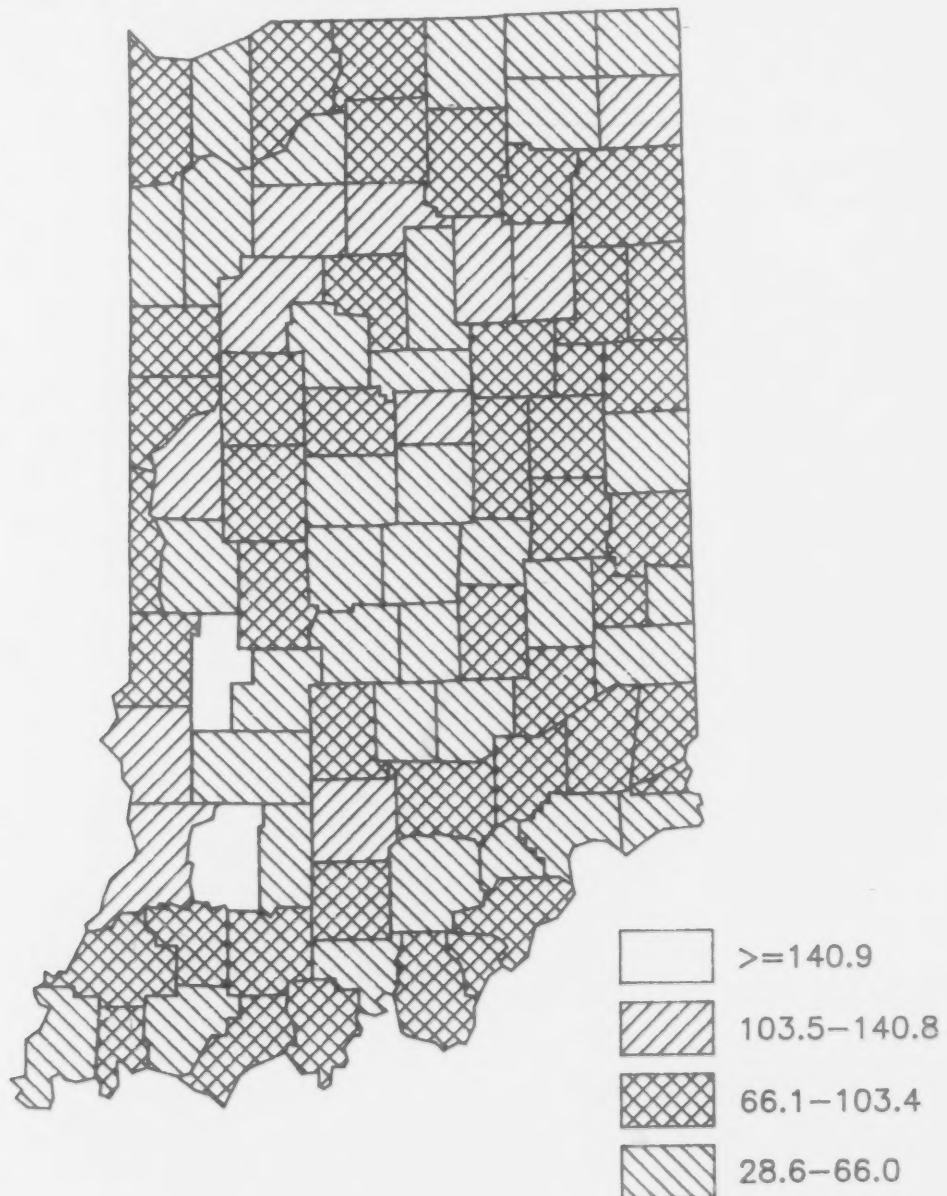
CANCER MORTALITY RATES PER 100,000
POPULATION, INDIANA, 1986



Source: ISBH—Public Health Statistics

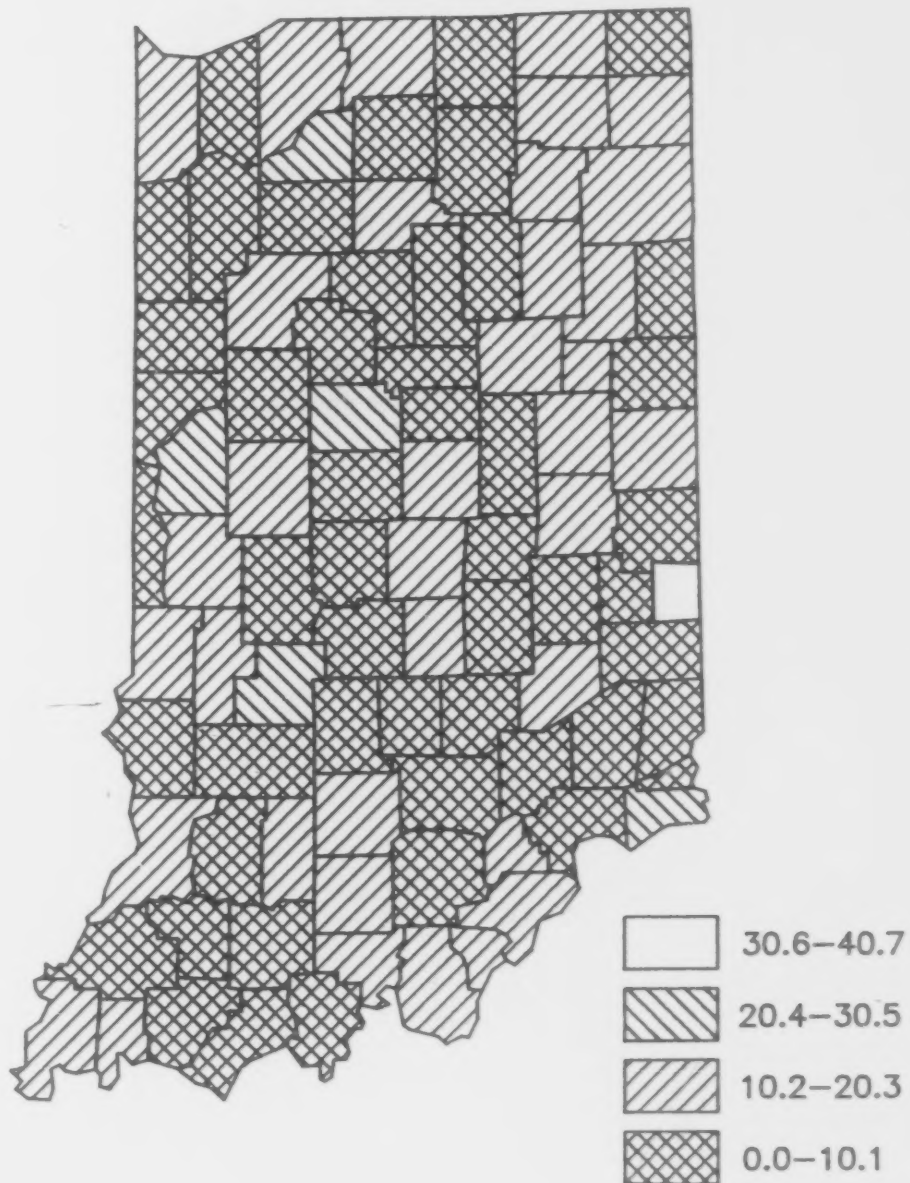
Map 4-4

CEREBROVASCULAR DISEASE MORTALITY RATES
PER 100,000 POPULATION, INDIANA, 1986



Source: ISBH—Public Health Statistics

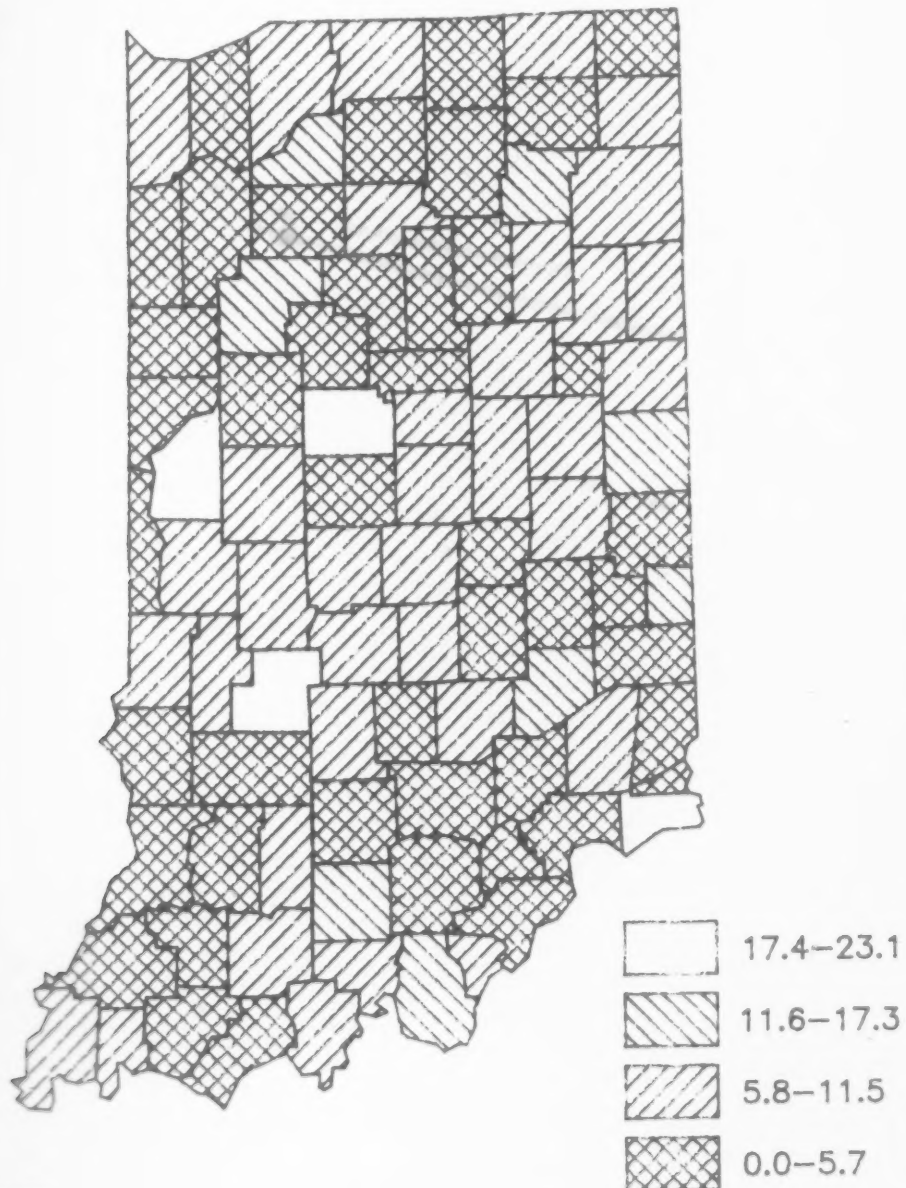
Map 4-5
INFANT MORTALITY RATES PER 1,000
LIVE BIRTHS, INDIANA, 1986



Source: ISBH—Public Health Statistics

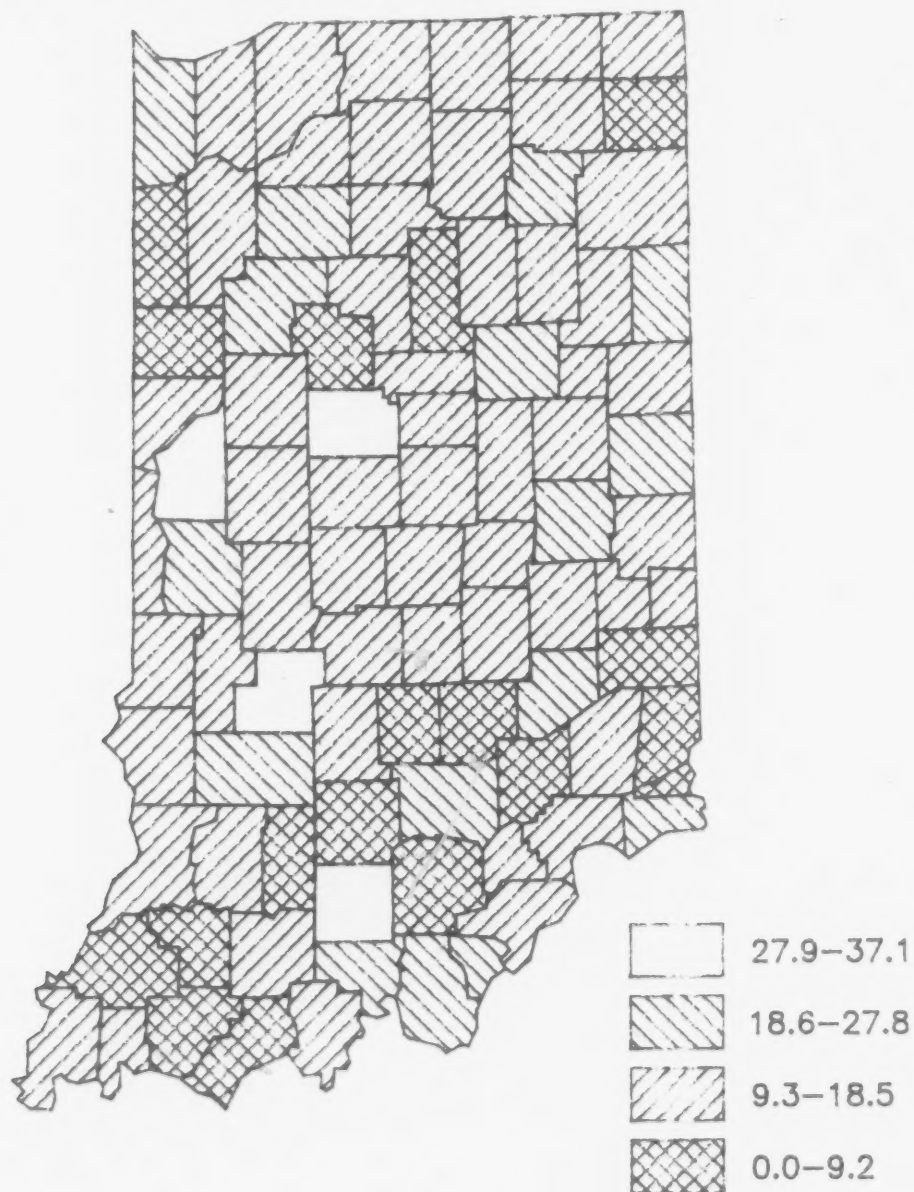
Map 4-6

NEONATAL MORTALITY RATES PER 1,000
LIVE BIRTHS, INDIANA, 1986



Source: ISBH—Public Health Statistics

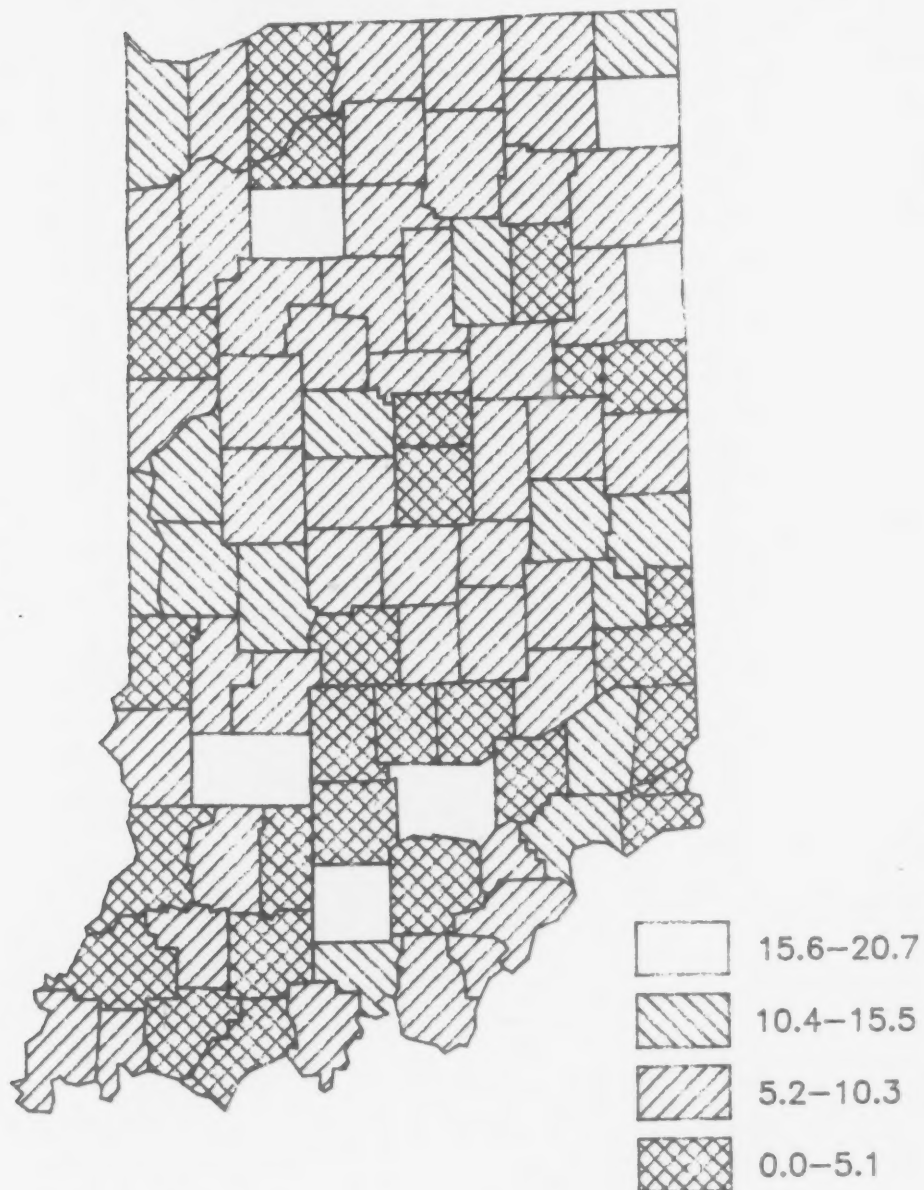
Map 4-7
PERINATAL MORTALITY RATES PER 1,000
LIVE BIRTHS, INDIANA, 1986



Source: ISBH—Public Health Statistics

Map 4-8

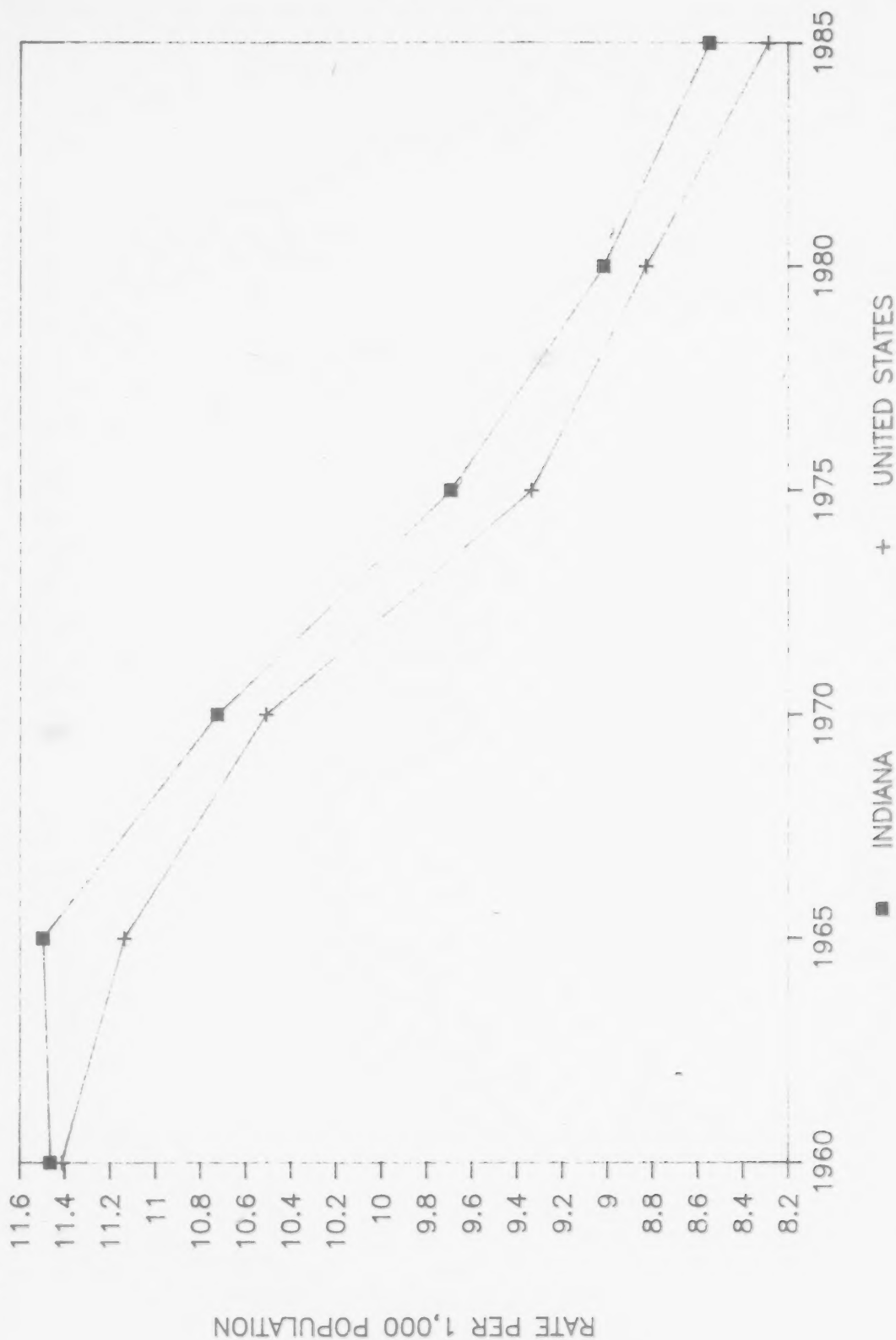
FETAL MORTALITY RATES PER 1,000
LIVE BIRTHS, INDIANA, 1986



Source: ISBH—Public Health Statistics

Figure 4--1

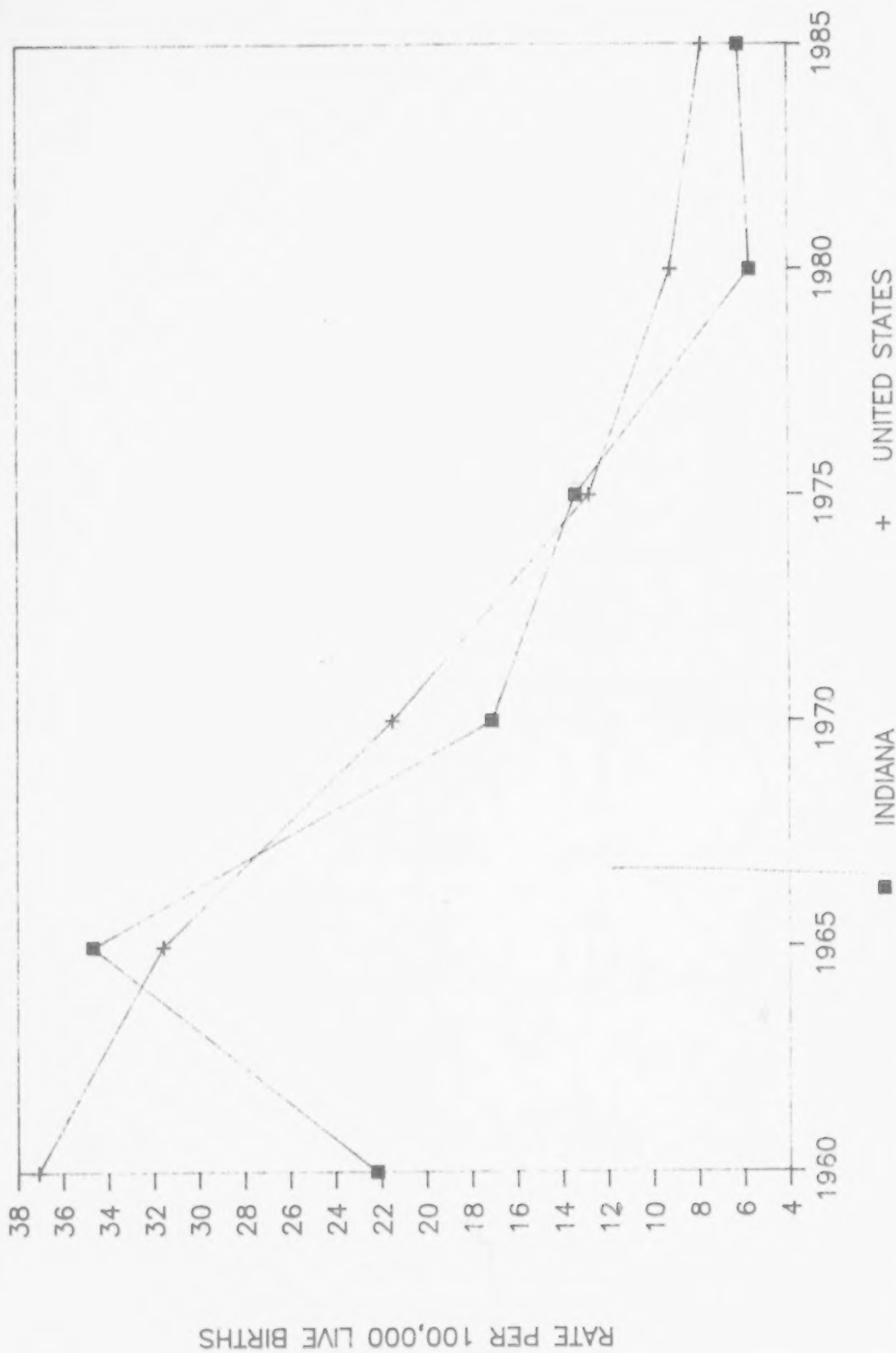
AGE ADJUSTED MORTALITY RATES, INDIANA & THE UNITED STATES, 1960 - 1985



Source: ISBH--Public Health Statistics

Figure 4-2

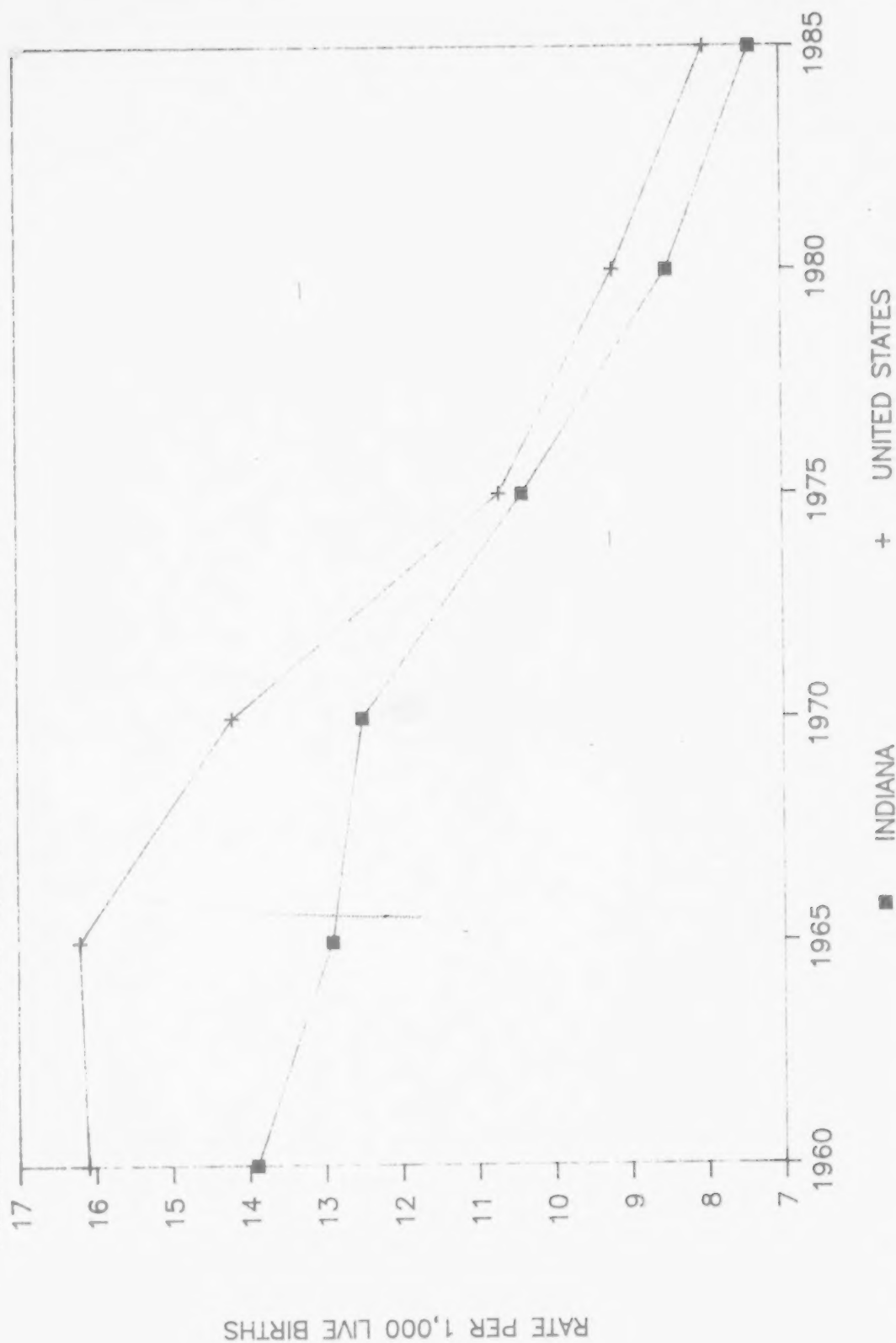
MATERNAL DEATH RATES, INDIANA AND THE UNITED STATES, 1960 - 1985



Source: ISBH--Public Health Statistics

Figure 4-3

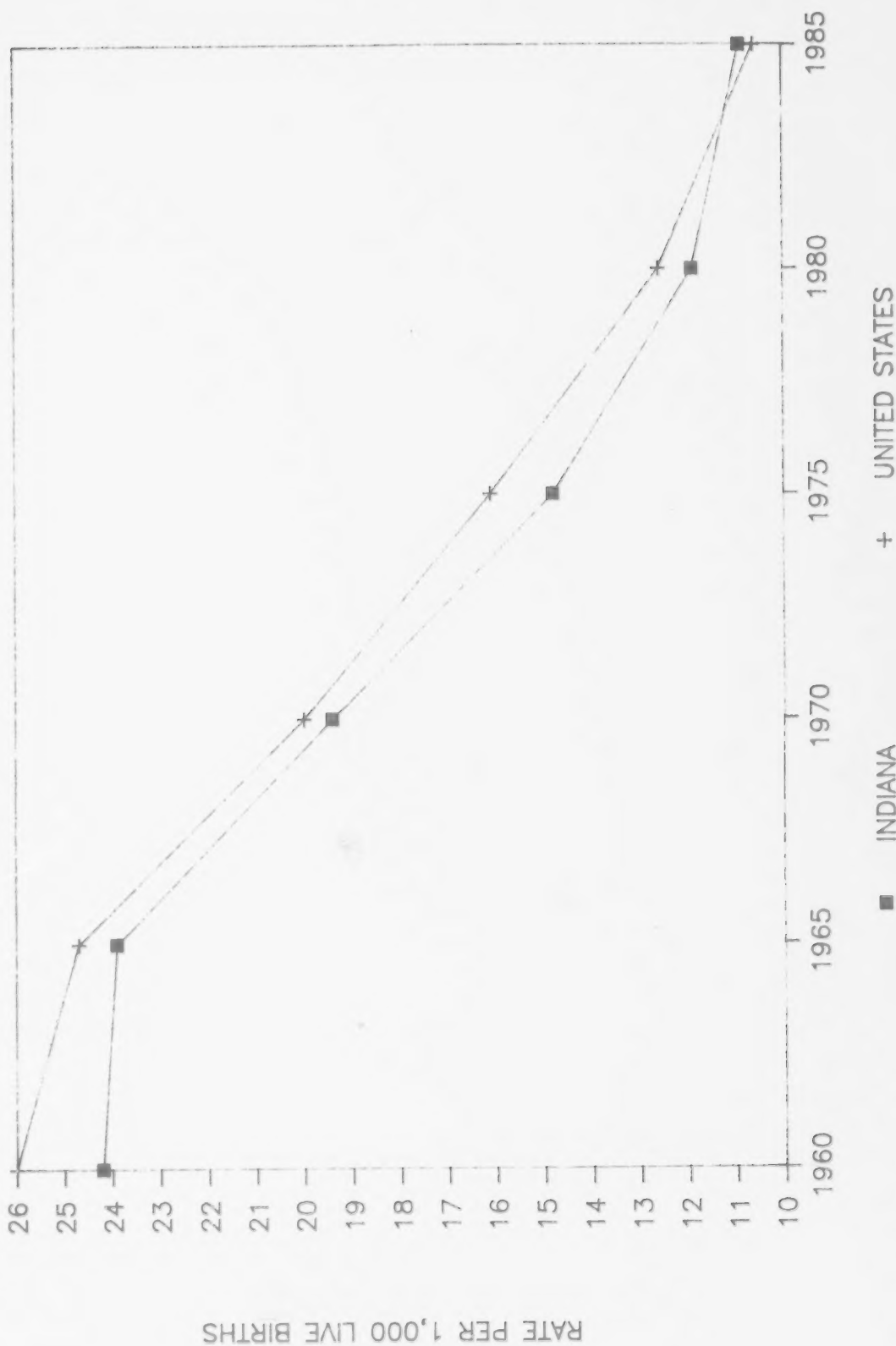
FETAL DEATH RATES, INDIANA AND THE UNITED STATES, 1960 - 1985



Source: ISBH—Public Health Statistics

Figure 4-4

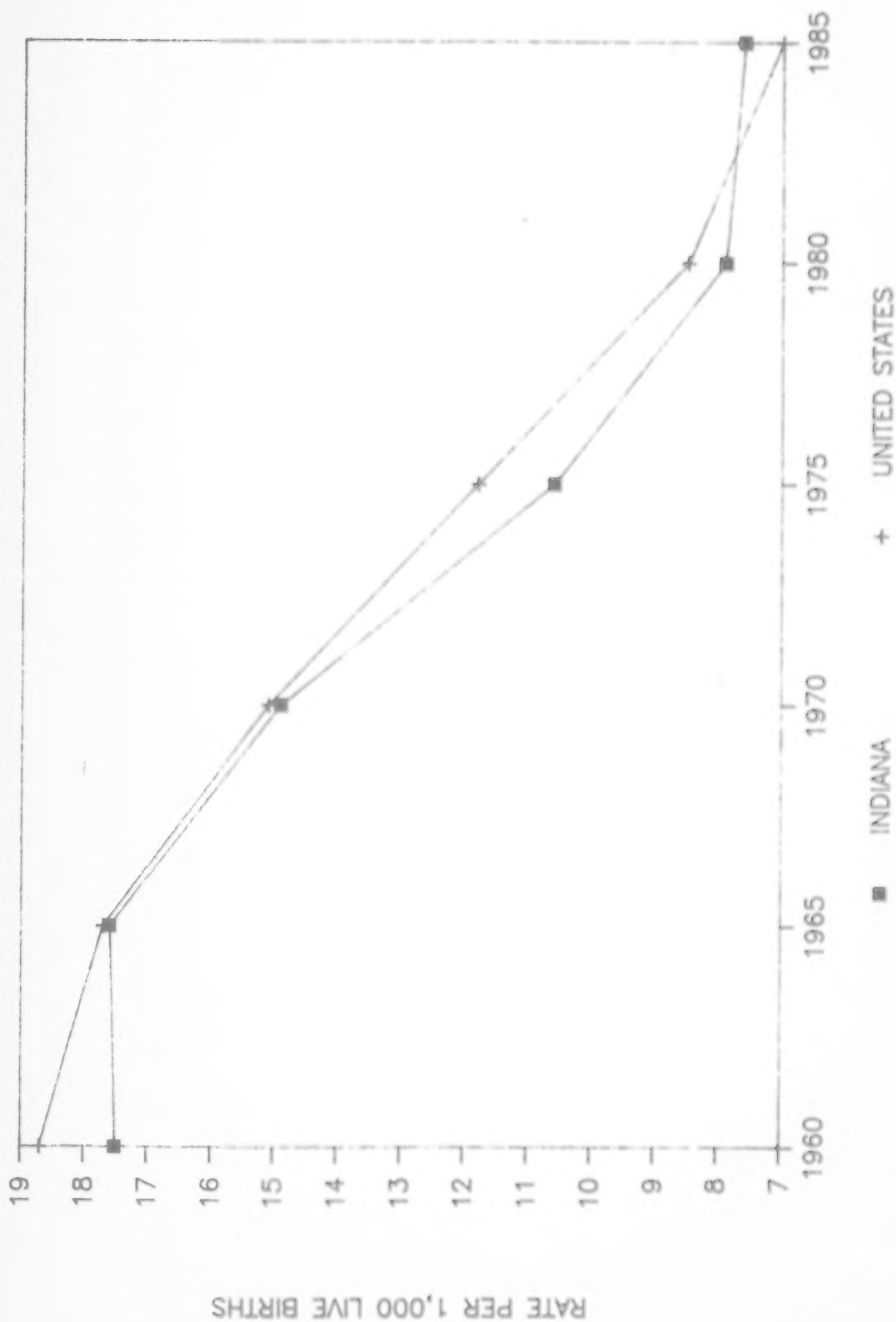
INFANT DEATH RATES, INDIANA AND THE UNITED STATES, 1960 - 1985



Source: ISBH—Public Health Statistics

Figure 4-5

NEONATAL DEATH RATES, INDIANA AND THE UNITED STATES, 1960 - 1985



Source: ISBH—Public Health Statistics

Figure 4-6
LEADING CAUSES OF DEATH, INDIANA, 1986



Source: ISBH—Public Health Statistics

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Marriage

All data contained in this section refer to Indiana residents, unless otherwise specified, regardless of place of occurrence.

The number of marriages in Indiana has decreased each year since 1982. The 49,900 marriages in 1986 was a decrease of 1,163 from 1985. The 1986 Indiana marriage rate of 9.1 per 1,000 population was approximately two percent lower than the 1985 rate of 9.3 per 1,000 population. The United States rate also decreased, from 10.2 in 1985 to 10.0 per 1,000 population, in 1986. (See Table 5-1 and Figure 5-1.)

Brown County had the highest marriage rate with 17.1 per 1,000 population; and, Warrick County had the lowest marriage rate of 5.2 per 1,000 population. The average marriage rate for 1986 was 9.1. (See Table 5-2, Map 5-1 and Map 5-2.)

Table 5-1

NUMBER OF MARRIAGES AND MARRIAGE RATES*
 BY SELECTED YEARS FOR INDIANA AND THE
 UNITED STATES, 1960 - 1986

YEAR	UNITED STATES		INDIANA	
	NUMBER	RATES*	NUMBER	RATES*
1960	1,523,000	8.5	NA	NA
1965	1,800,000	9.3	NA	NA
1970	2,158,800	10.6	57,560	11.1
1975	2,152,700	10.0	56,075	10.6
1980	2,390,300	10.6	57,853	10.5
1981	2,422,100	10.6	55,566	10.5
1982	2,456,300	10.6	55,924	10.2
1983	2,444,000	10.5	53,982	9.9
1984	2,487,000	10.5	53,719	9.8
1985	2,425,000	10.2	51,063	9.3
1986	2,399,000	10.0	49,900	9.1

* Rate per 1,000 Population

source: ISBH-Public Health Statistics

Table 5-2

MARRIAGE RATES*, BY RANKING OF COUNTY, INDIANA, 1986
(Number of Marriages by County of Occurrence)

RANK	RATE	NUMBER	COUNTY	RANK	RATE	NUMBER	COUNTY
1	17.1	219	BROWN	24	9.7	401	KNOX
2	11.2	1636	ELKHART	25	9.6	365	MIAMI
3	10.7	363	DEKALB	26	9.6	186	ORANGE
4	10.7	173	TIPTON	27	9.5	203	STARKE
5	10.8	375	MONTGOMERY	28	9.5	2815	ALLEN
6	10.6	321	GREENE	29	9.5	335	WABASH
7	10.5	139	PULASKI	30	9.5	613	BARTHOLOMEW
8	10.5	103	BENTON	31	9.4	993	LAPORTE
9	10.5	138	PIKE	32	9.4	141	BLACKFORD
10	10.4	275	STEUBEN	33	9.4	222	DECATUR
11	10.4	887	HOWARD	34	9.4	337	DUBOIS
12	10.4	8143	MARION	35	9.3	259	LAGRANGE
13	10.4	553	MORGAN	36	9.3	331	HUNTINGTON
14	10.3	164	PARKE	37	9.3	1019	VIGO
15	10.2	112	MARTIN	38	9.2	200	JAY
16	10.1	302	PUTNAM	39	9.1	229	CLAY
17	10.0	270	WHITLEY	40	9.1	188	SULLIVAN
18	9.8	366	NOBLE	41	9.1	387	LAWRENCE
19	9.8	390	CASS	42	9.0	171	CARROLL
20	9.8	1302	MADISON	43	9.0	281	CLINTON
21	9.7	486	HENRY	44	9.0	168	FOUNTAIN
22	9.7	164	OWEN	45	9.0	752	JOHNSON
23	9.7	987	MONROE	46	9.0	354	SHELBY

Table 5-2

MARRIAGE RATES*, BY RANKING OF COUNTY, INDIANA, 1986
(Number of Marriages by County of Occurrence)

RANK	RATE	NUMBER	COUNTY	RANK	RATE	NUMBER	COUNTY
47	9.0	170	RUSH	70	8.0	183	JENNINGS
48	8.9	2150	ST. JOSEPH	71	7.9	217	FAYETTE
49	8.9	250	RANDOLPH	72	7.9	200	RIPLEY
50	8.8	164	FULTON	73	7.8	3814	LAKE
51	8.8	204	WHITE	74	7.8	204	JASPER
52	8.8	75	WARREN	75	7.8	736	HAMILTON
53	8.8	336	BOONE	76	7.8	157	FRANKLIN
54	8.8	326	JACKSON	77	7.7	951	PORTER
55	8.8	199	WASHINGTON	78	7.7	189	WELLS
56	8.7	360	MARSHALL	79	7.7	1297	VANDERBURGH
57	8.7	263	ADAMS	80	7.6	284	DEARBORN
58	8.7	90	CRAWFORD	81	7.6	223	JEFFERSON
59	8.6	1037	DELAWARE	82	7.6	222	HARRISON
60	8.6	386	HANCOCK	83	7.5	561	HENDRICKS
61	8.6	541	FLOYD	84	7.5	251	GIBSON
62	8.5	659	GRANT	85	7.0	51	SWITZERLAND
63	8.5	149	VERMILLION	86	7.0	143	SPENCER
64	8.5	1063	TIPPECANOE	87	6.9	131	PERRY
65	8.3	528	KOSCIUSKO	88	6.7	172	POSEY
66	8.3	598	WAYNE	89	6.6	46	UNION
67	8.3	239	DAVIESS	90	6.4	34	OHIO
68	8.3	741	CLARK	91	6.1	85	NEWTON
69	8.1	166	SCOTT	92	5.2	237	WARRICK

* Per 1,000 Population

Source: ISBH-Public Health Statistics

Table 5-3

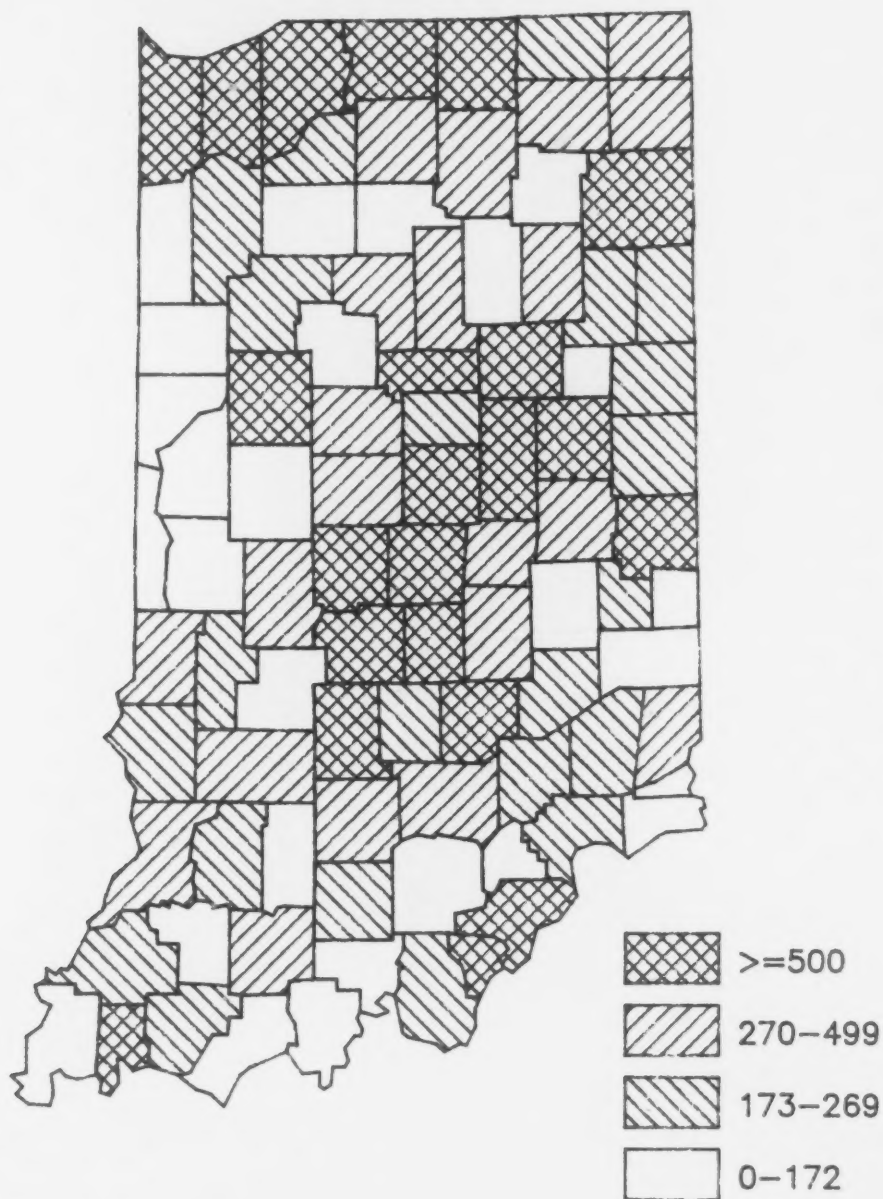
NUMBER OF MARRIAGES AND MARRIAGE RATES*
BY MONTH OF OCCURRENCE, INDIANA, 1986

MONTH	NUMBER	RATES*
JANUARY	1,964	4.3
FEBRUARY	2,666	5.8
MARCH	2,843	6.2
APRIL	3,674	8.0
MAY	5,265	11.5
JUNE	6,414	14.0
JULY	4,621	10.1
AUGUST	6,012	13.1
SEPTEMBER	4,534	9.9
OCTOBER	4,372	9.5
NOVEMBER	3,807	8.3
DECEMBER	3,728	8.1
INDIANA	49,900	9.1

* Rate per 1,000 Population

source: ISBH-Public Health Statistics

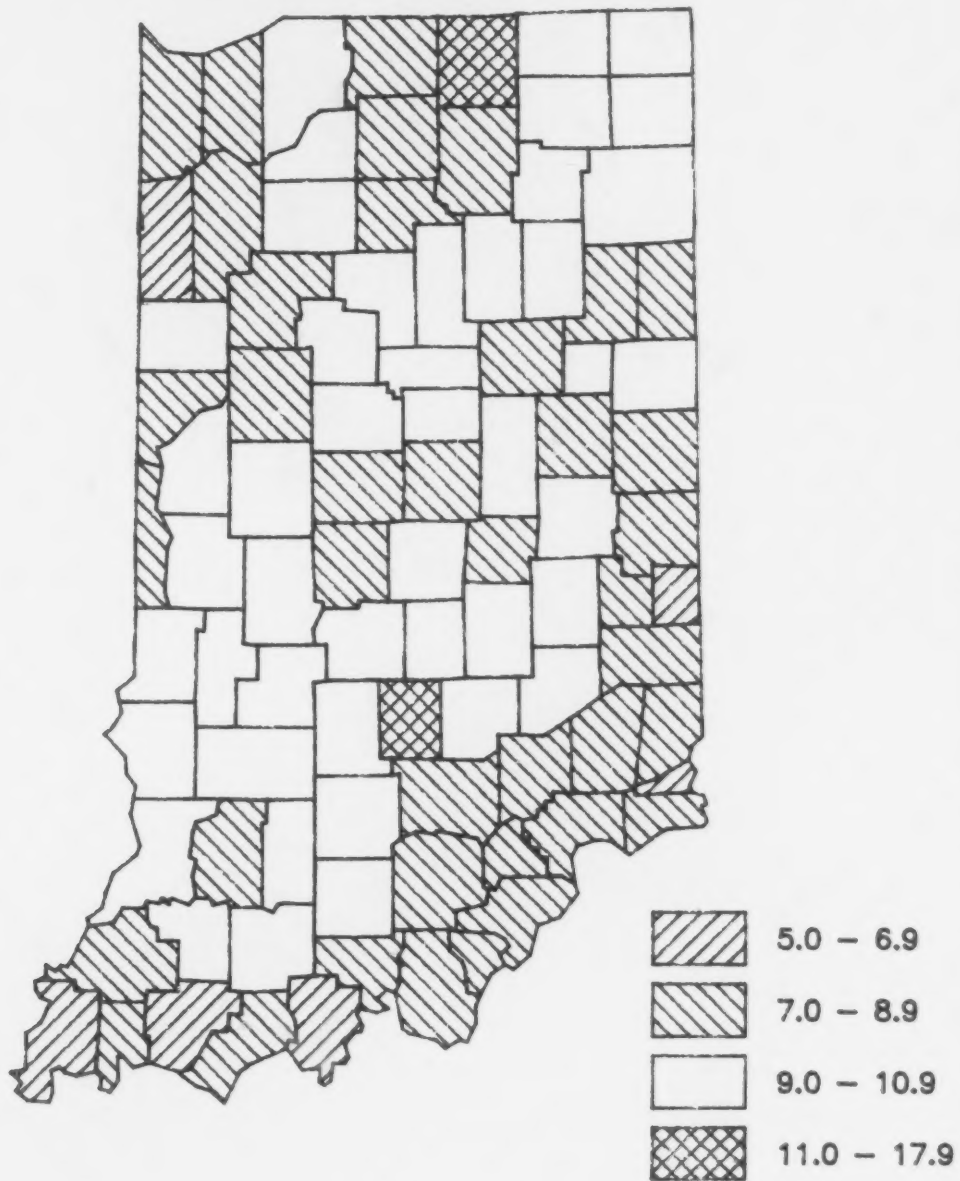
Map 5-1
NUMBER OF MARRIAGES BY COUNTY OF
OCCURRENCE, INDIANA, 1986



Source: ISBH—Public Health Statistics

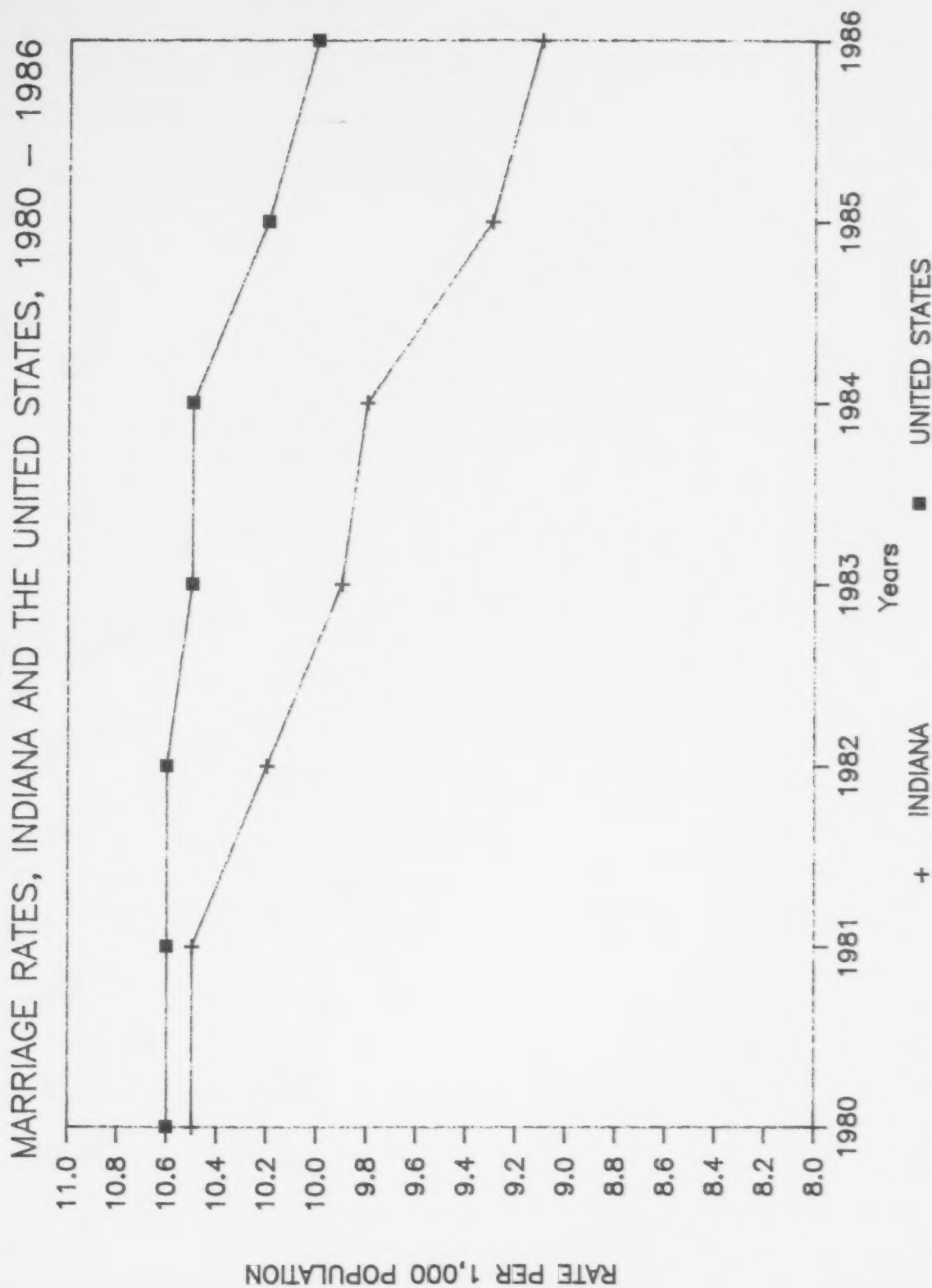
Map 5-2

MARRIAGE RATES PER 1,000
POPULATION, INDIANA, 1986



Source: ISBH—Public Health Statistics

Figure 5-1



Source: ISBH—Public Health Statistics

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Behavioral Risk Factors

The Indiana Behavioral Risk Factor Surveillance System (BRFSS) is an ongoing project funded by the Centers for Disease Control (CDC) since 1984. This project has evolved from earlier efforts of the CDC (1981-1983) to assist states in collecting health risk prevalence information that is associated with adverse health outcomes using a standardized questionnaire developed by the CDC. During 1986, twenty-six states, including Indiana, participated in the BRFSS.

A technique known as the Joseph Waksberg's three-stage cluster design for random digit dialing is used to select a household to be included in the survey. From each household, an individual over 18 years of age is randomly chosen from among the other adult members to be interviewed over the telephone about his/her personal lifestyle behaviors such as cigarette smoking, alcohol consumption, driving under the influence of alcohol, seat belt usage while traveling in an automobile, participation in a physical activity on a regular basis, weight, hypertension, smokeless tobacco, etc.

In the year 1986, 1,182 adults in Indiana were interviewed. Of these, 518 were male and 664 were female. The data ascertained from these individuals were statistically weighted to compensate for such confounders as telephone noncoverage, sampling design, and age and sex distribution of Indiana's adult population. This provided estimates of the risk factor prevalence that represents the entire adult population of Indiana. These estimates are expected to be within five percent of the true prevalence based on the criteria of ninety-five percent confidence interval level to determine the adequacy of the sample size.

SEAT BELT USAGE

Use of seat belts when traveling in an automobile has been shown to decrease the risk of premature deaths and disabilities in motor vehicle accidents. In Indiana, motor vehicle accidents were responsible for 910 adult deaths in 1986. thus making it the eighth leading cause of death.

Based on the responses of the BRFSS survey population to the question, "How often do you use seat belts when you drive or ride in a car--Always, Sometimes, Seldom, or Never?", it was estimated that slightly over forty percent of our adult population always or nearly always wore seat belts in 1986. This means nearly sixty percent of our adult population is at risk for premature deaths and disabilities in a motor vehicle accident due to a lack of seat belt usage.

HYPERTENSION

Using the National Heart, Lung and Blood Institute's definition of "current hypertensives," approximately nineteen percent of adults in Indiana were estimated to be hypertensives. Majority of this population, as expected, falls in the older age group category. For instance, based on the survey responses, the prevalence of hypertension is estimated to be forty-three percent for those in 65+ age group compared to 37%, 24%, 13%, 5% and 3% for those in 55-64, 45-54, 35-44, 25-34, and 18-24 age groups, respectively.

Of the nineteen percent current hypertensives, 2.1% are estimated to have uncontrolled hypertension. Hypertension is the most significant risk factor associated with premature heart disease and stroke. In 1986, 3,969 Indiana residents 18+ years of age died from stroke, and 18,238 from various forms of heart disease.

SEDENTARY LIFESTYLE

A sedentary lifestyle is defined as any or no leisure-time physical or recreational activity occurring outside of workplace for less than 3 times per weeks and for less than twenty minutes at a time. Almost equal number of males as females were estimated to have sedentary lifestyles--59% males and 60% females. A sedentary lifestyle is believed to be a risk factor for heart disease.

OBESITY

Obesity is defined as being 120 percent or more of "ideal" weight as established by the 1959 Metropolitan Life Insurance Height and Weight Tables. Based on this definition, over twenty-five percent of Indiana's adults (18+ years of age) were estimated to be obese. Obesity is also almost evenly distributed among males and females. About 25.3% of males and 25.1% of females were found to be obese. However, the prevalence of obesity seems to increase with each decade of life until 45-54 years of age. For instance, only 10% of 18-24 year olds were found to be obese compared to 17% of the 25-34, 33% of the 35-44, and 39% of the 45-54 years of age.

Obesity has been clearly associated with hypertension, noninsulin-dependent diabetes mellitus, hypercholesterolemia, gallbladder disease, degenerative joint disease, and some types of cancer. In addition to physiological problems, obesity is also associated with serious social consequences.

SMOKING

Currently, 27.2% of Indiana's adult population smokes; 31.7% of men and 23.2% of women smoke. Smoking is a risk factor for heart disease, cancer, stroke, diseases of arteries, accidents other than motor vehicle accidents, and other chronic obstructive pulmonary disease (COPD). These six causes accounted for 36,702 deaths (76.8% of all deaths) for individuals over 18 years of age.

SMOKELESS TOBACCO

Smokeless tobacco includes chewing tobacco and snuff. 3.2% of adult Hoosiers were estimated to be at risk for contracting cancer of cheek, gum, and oral cavity, mycosal lesions that appear as white patches (leukoplakia) which could transform to malignancy, gum recession, tooth abrasion, addiction, etc.

This behavior is more prevalent in males and usually younger age groups. 6.5% of males vs. only 0.3% of females were estimated to use smokeless tobacco products.

ALCOHOL CONSUMPTION

Two types of alcohol consumption behaviors were surveyed: acute and chronic. Acute drinking is defined as consuming 5 or more drinks per occasion one or more times in the past month. About 17.7% of Indiana's adult population were estimated to engage in acute drinking, based on the above definition. Chronic drinking, on the other hand, is defined as consuming sixty or more drinks per month; 7.6% of adult Hoosiers fell in this category in the 1986 survey.

Acute and chronic drinking is still very sex-specific in that 28.3% of men were acute drinkers and 15.1 % of men were chronic drinkers compared to only 8.3% of women being acute drinkers and 0.8% being chronic drinkers. Both of these behaviors are also more prevalent in younger population. Acute and chronic drinking is associated with motor vehicle accidents, suicide, homicide, and a variety of other health problems.

Also, based on a response to the question "How often have you driven when you have had perhaps too much to drink," it was estimated that at least 4.5% of our adult population is guilty of this self-reported behavior.

Table 6-1

LEADING RISK FACTORS AND LEADING CAUSES
OF DEATH BY AGE, INDIANA, 1986

ALL AGES 18+

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
SEDENTARY LIFESTYLE	2,383,900	59.4
LACK OF SEAT BELTS	2,371,800	59.1
SMOKING	1,091,600	27.2
OBESITY	1,011,300	25.2
HYPERTENSION	762,500	19.0
LEADING CAUSES OF DEATH		
HEART DISEASE	18,238	457.3
CANCER	11,114	278.7
STROKE	3,969	99.5
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	1,450	36.4
PNEUMONIA	1,396	35.0

AGES 18 - 24

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
LACK OF SEAT BELTS	450,700	66.5
SEDENTARY LIFESTYLE	284,700	42.0
ACUTE DRINKING	244,679	36.1
SMOKING	191,100	28.2
CHRONIC DRINKING	70,500	10.4
LEADING CAUSES OF DEATH		
MOTOR VEHICLE ACCIDENTS	260	38.4
SUICIDE	91	13.4
ACCIDENTS (EXCLUDING MOTOR VEHICLE)	62	9.2
HOMICIDE	61	9.0
CANCER	51	7.5

Table 6-1

LEADING RISK FACTORS AND LEADING CAUSES
OF DEATH BY AGE, INDIANA, 1986

AGES 25 - 34

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
SEDENTARY LIFESTYLE	481,800	54.0
LACK OF SEAT BELTS	464,900	52.1
SMOKING	290,900	32.6
ACUTE DRINKING	221,300	24.8
OBESITY	153,500	17.2
LEADING CAUSES OF DEATH		
	NUMBER	RATE
MOTOR VEHICLE ACCIDENTS	243	27.5
SUICIDE	151	17.1
CANCER	124	14.0
ACCIDENTS (EXCLUDING MOTOR VEHICLE)	101	11.4
HOMICIDE	86	9.7

AGES 35 - 44

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
SEDENTARY LIFESTYLE	449,100	60.9
LACK OF SEAT BELTS	447,600	60.7
OBESITY	243,300	33.0
SMOKING	236,700	32.1
ACUTE DRINKING	123,100	16.7
LEADING CAUSES OF DEATH		
	NUMBER	RATE
CANCER	357	48.8
HEART DISEASE	294	40.2
MOTOR VEHICLE ACCIDENTS	126	17.2
SUICIDE	100	13.7
ACCIDENTS (EXCLUDING MOTOR VEHICLE)	74	10.1

Table 6-1

LEADING RISK FACTORS AND LEADING CAUSES
OF DEATH BY AGE, INDIANA, 1986

AGES 45 - 54

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
SEDENTARY LIFESTYLE	366,700	69.2
LACK OF SEAT BELTS	334,400	63.1
OBESITY	207,200	39.1
SMOKING	143,100	27.0
HYPERTENSION	127,700	24.1
LEADING CAUSES OF DEATH	NUMBER	RATE
CANCER	909	170.5
HEART DISEASE	837	157.0
STROKE	109	20.4
MOTOR VEHICLE ACCIDENTS	88	16.5
ACCIDENTS (EXCLUDING MOTOR VEHICLE)	67	12.6

AGES 55 - 64

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
SEDENTARY LIFESTYLE	362,200	69.4
LACK OF SEAT BELTS	284,500	54.5
HYPERTENSION	193,100	37.0
OBESITY	150,300	28.8
SMOKING	126,300	24.2
LEADING CAUSES OF DEATH	NUMBER	RATE
CANCER	2,510	489.3
HEART DISEASE	2,324	453.1
STROKE	306	59.7
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	204	39.8
DIABETES	146	28.5

Table 6-1

LEADING RISK FACTORS AND LEADING CAUSES
OF DEATH BY AGE, INDIANA, 1986

AGES 65+

HEALTH RISKS	NUMBER AT RISK	% OF POPULATION
SEDENTARY LIFESTYLE	444,600	68.0
LACK OF SEAT BELTS	389,000	59.5
HYPERTENSION	277,882	42.5
OBESITY	194,200	29.7
SMOKING	103,300	15.8
LEADING CAUSES OF DEATH	NUMBER	RATE
HEART DISEASE	14,696	2,262.4
CANCER	7,163	1,102.7
STROKE	3,480	535.7
PNEUMONIA	1,250	192.4
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES	1,196	184.1

Source: ISBH-Public Health Statistics

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Technical Summary

HOW TO BE A VITAL STATISTICIAN

This report presents vital statistics and highlights a number of important demographic and public health changes. The possible uses of vital statistics are endless. Data users are as diverse as a public health official evaluating a program and using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. Others find the entire subject matter confusing and intimidating. For either group a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful. Additional information about specific events is provided at the beginning of each section.

STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

- DEATHS
- INFANT DEATHS
- NEONATAL DEATHS
- FETAL DEATHS
- LOW BIRTH WEIGHT INFANTS
- MARRIAGES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenaged pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the problem of teenaged fertility in Indiana?" Examining teenaged births suggests the answer is yes. Examining teenaged pregnancies suggests not.

What is the correct population?

Vital events do not usually occur in individuals' homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

OCCURRENCE - means that the event (death, birth, marriage) actually took place in the geographic region indicated (either Indiana or a particular county). The person participating in the event may have lived in Timbaktu.

RESIDENCE - means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Madison county who died in an accident while on vacation in Michigan is included in the Madison County resident death figure.

Choosing the appropriate population is important. Occurrence birth data is more relevant to a hospital planner who is deciding whether to expand or contract delivery services. But residence birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the better choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole are easier. In this report, table headings indicate the population included in the tables.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Division of Public Health Statistics at the Indiana Department of Health for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A. Bradford Hill expressed this important statistical concept:

"It is well recognized that white sheep eat more than black sheep--because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Marion county than in Adams county, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred is compared to the population for which that event could have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\text{CRUDE DEATH RATE} = \frac{\text{DEATHS}}{\text{POPULATION}} \times 1,000$$

the number of
people who could
have died.

a number picked by vital
statisticians to elimin-
ate decimal points.

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the crude birth rate, which compares the number of births to the population, is not nearly as informative as the fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of the century notion that only married women between the age of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately, we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number to create a ratio. For instance, the abortion ratio compares the number of abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause of death item provides an excellent example of changes in comparability:

Between 1975 and 1978 approximately 50 people died each year from chronic obstructive pulmonary disease.

RATE = 9.6 PER 100,000 POPULATION

Between 1979 and 1983, approximately 160 people died each year from this cause.

RATE = 31.7 PER 100,000 POPULATION

The explanation for the difference since 1979 is not that the incidence of C.O.P.D. deaths increased, but that a new scheme for coding causes of death was introduced that year.

Taking age and sex into account

Mr. G. C. Wipple noted in 1923, "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

In 1984, 28 people from County A and 27 people from County B died of accidental causes. Because County A has many more people (121,360 compared to 59,807), the accidental death rate for County A is much lower than County B's: 23.1 compared to 45.7 per 100,000 population.

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations. The formulas for doing this are listed at the end of this section.

Small Numbers

Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider County A's infant mortality rates for the past five years:

YEAR	BIRTHS	COUNTY A	
		INFANT DEATHS	INFANT DEATH RATE
1980	644	7	10.9
1981	555	4	7.2
1982	649	5	7.7
1983	605	4	6.6
1984	625	6	9.6
TOTAL	3,078	26	8.4

The overall rate of 8.4 is quite close to the state rate of 9.1 for the same time period. Yet the rate varies widely with the addition or subtraction of just one death. Public health officials would waste a good deal of energy if they reacted to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the "really is". For example, a statistician will say, "We are 95 percent sure that the true infant death rate for Indiana between 1980 and 1984 was 9.1 plus or minus .73, that is, it lies somewhere between 8.37 and 9.83." If two rates have overlapping confidence intervals, then the difference between them may be due to this chance variation. In other words, the difference between them is not statistically significant.

County A's infant death rate for the same period was 8.4 plus or minus 3.2. The difference between the state rate and County A's rate is not statistically significant.

How many cases are sufficient to say that a true difference exists? Unfortunately, we have no easy rule for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. Anyone preparing to make important decisions based on these rates should make an effort to determine if the rates are statistically significant.

STEP 4: ANALYZING THE DATA

The first three steps are fairly mechanical:

1. Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.
2. Calculate the rates.
3. Compare these rates to determine if the differences are statistically significant.

Now the vital statistician must begin to ask the difficult questions. Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates. If the difference which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the narratives and figures throughout this report to illustrate changes. And finally, the staff of the Division of Public Health Statistics are available for data users who need assistance.

DATA SOURCES, LIMITATIONS AND DEFINITIONS

SOURCES OF DATA

Information on births, deaths, fetal deaths and marriages is compiled from the original documents filed in the Vital Records Section and from transcripts of original certificates filed in other states but affecting Indiana residents. This report includes all 1986 births, deaths and marriages for which records were received before April 15, 1987, and excludes certificates and transcripts received after that date. Because the number of 1986 vital events which are not included is small, the figures shown are relatively complete counts and are considered satisfactory as descriptive statistics.

POPULATION

Population estimates were prepared by the Indiana School of Business and the U.S. Census Bureau.

RELIABILITY OF RATES

Many of the rates shown in this report are based on a small population, a small number of events, or both. The rates based on small numbers may be questionable due to chance factors and should be used with caution. Rates for counties with small populations also may vary considerably from year to year. In addition, one must make allowances for differences in age distributions, etc., when rates are not adjusted. Caution must be exercised when forming conclusions on the basis of crude or non-adjusted rates.

DEFINITIONS

Occurrence - Place where the event actually occurred.

Residence - Usual place of residence for person to whom event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

Births

Total Births - Total live births.

Live Birth - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration or pregnancy which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

Birth Weight - Weight of fetus or infant at time of delivery.

Low-Weight Birth - Birth wherein the birth weight is equivalent to less than 2,500 grams.

Weeks of Gestation - The number of weeks elapsed between the first day of the last menstrual period and the date of delivery.

Plurality - The number of siblings born as a result of this pregnancy.

Birth Rates

Birth Rate - Number of live births per 1,000 population.

Age Specific Birth Rate - Number of live births to women in specific age group per 1,000 estimated female population in that age group.

Low-Weight Birth Rate - Number of live births weighing less than 2,500 grams (5lbs,8ozs) per 1,000 live births.

General Fertility Rate - Total number of live births per 1,000 women of child bearing age (15-44 years).

Total Fertility Rate - The sum of each age-specific live birth rate multiplied by the number of years in the age group.

Deaths

Death - The permanent disappearance of any evidence of life at any time after live birth.

Fetal Death - Death prior to the complete expulsion or extraction from its mother of a product of human conception, and the gestation period is at least 20 weeks. The death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

Neonatal - Deaths occurring to an individual of less than 28 days of age.

Postneonatal - Deaths occurring to an individual 28 days of age or more but under one year of age.

Perinatal - Sum of all Fetal deaths plus Neonatal deaths.

Infant Death - Death occurring to an individual less than one year of age.

Death Rates

Death Rate or Crude Death Rate - Number of deaths per 100,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population.

Age-Specific Death Rate - Number of deaths in a specific age group per 100,000 population.

Age-Adjusted Death Rate - Total mortality and cause-specific death rates are age-adjusted by multiplying the mortality rate for each age group within a population grouping by the population of that age group within a standard population. The standard population used was the population of the United States in 1940. The sum of these results for each of these age groups for a given population is the age-adjusted rate. The age-adjusted rate is expressed as a rate per 100,000 population.

Fetal Death Rate - Number of reportable fetal deaths per 1,000 live births.

Infant Death Rate - Number of deaths under one year of age per 1,000 live births.

Neonatal Death Rate - Number of deaths under 28 days of age per 1,000 live births.

Postneonatal Death Rate - Number of deaths between 28 days of age and one year of age per 1,000 live births.

Perinatal Death Rate - Number of Fetal and Neonatal deaths per 1,000 live births.

Marriage

Marriage - The legal union of two person of the opposite sex.